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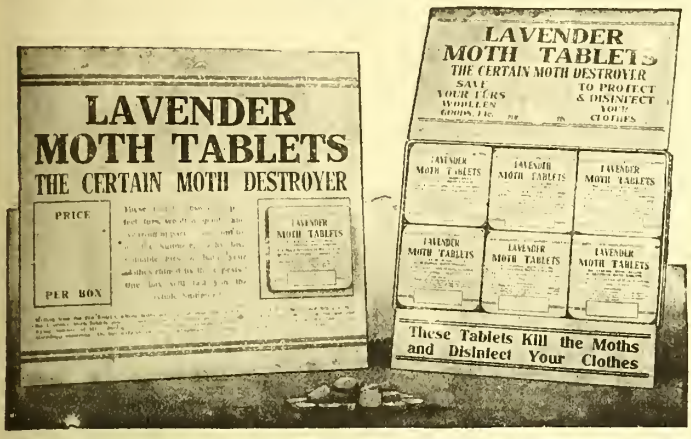
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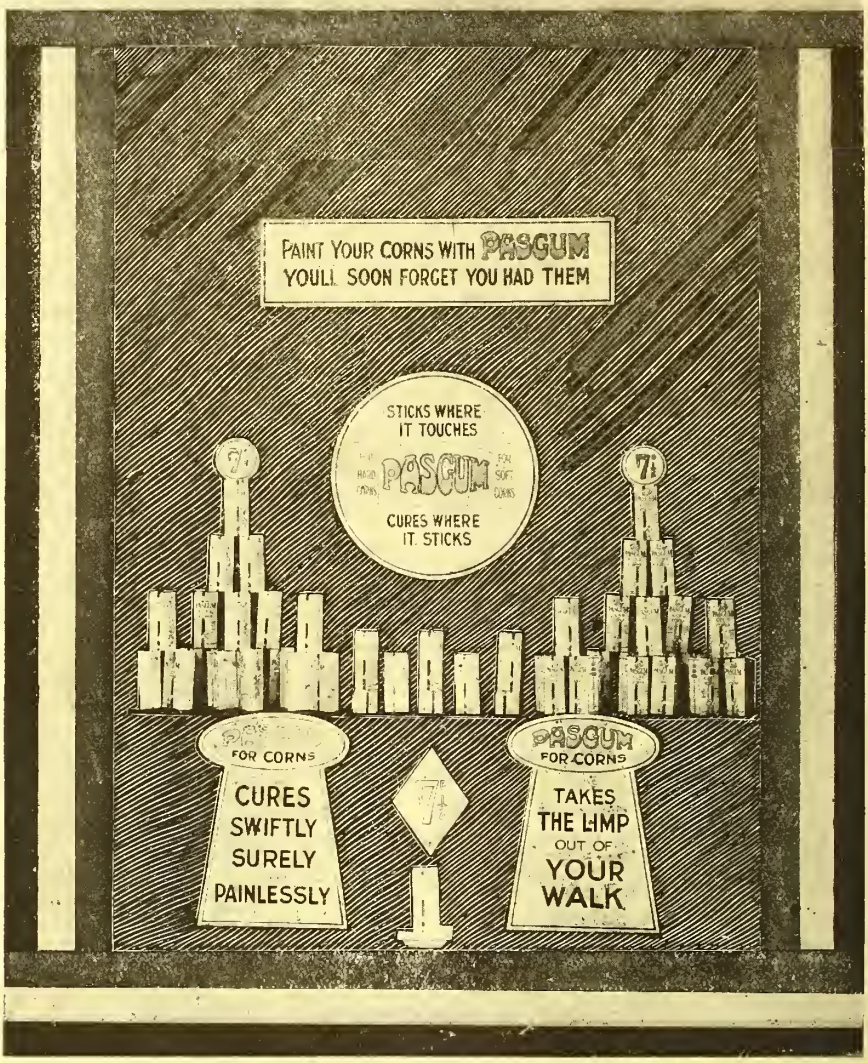
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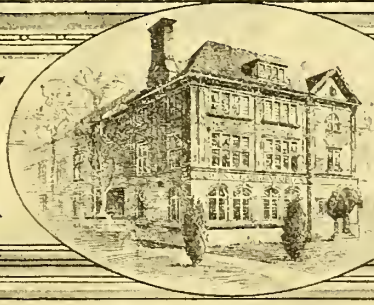
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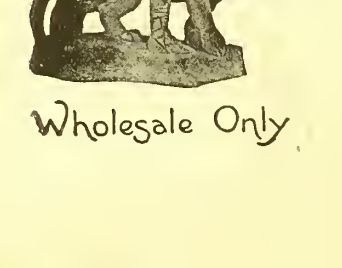
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"Chronic Intestinal Stasis"
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QUININE

MAARSSEN

QUININE and QUININE SALTS.

Unexcelled in Uniformity of Quality,
Brilliant Crystallisation and Purity of Colour.

CINCHONINE, CINCHONIDINE, QUINIDINE,
and their SALTS.

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NEDERLANDSCHE KININEFABRIEK, MAARSSEN, HOLLAND

AGENTS.— R. W. Greeff and Company,
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Victor Blagden & Co.,

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CAUSTIC SODA
TARTARIC ACID
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CARBOLIC ACID

Supplies of every description of Coal Tar, Ammonia and Cyanogen Products.

Nulomoline

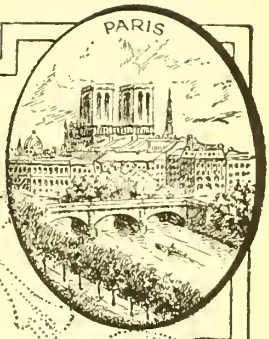
Ten tons, in casks containing five to six cwt. each. What offers ex London?

Write Box W 79,

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London, W.C.2





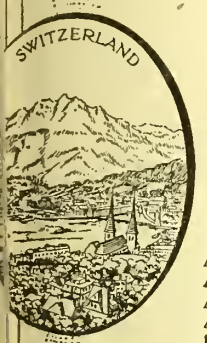


PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS.

R. W. GREEFF & Co. offer at lowest prices the following products :—

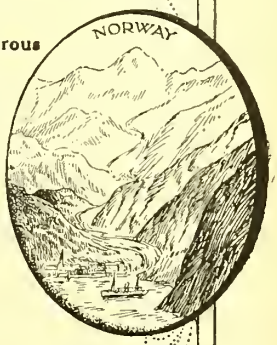
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Acetanilid	Guaiacol Carbonate	Potash Sulpho-Guaiacolate
Acetyl Salicylic Acid	Hexamine	Quinidine and Salts
Amidol	Homatropine	Quinine and Salts
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Benzoic Acid	Kelene	Saccharin
Benzamine Hydrochlor	Lemon Oil	Salicylic Acid
Benzamine Lactate	Lithia Carbonate	Salicylate of Soda
Benzo Naphthol	Lecithin	Salol
Beta Naphthol	Menthol	Soda Benzoate
Bromides	Mercurials	Soda Hyposulphite
Calcium Lactate	Methylene Blue Medicinal	Soda Sulphite Anhydrous
Chloral Hydrate	Methyl Salicylate	Sugar of Milk
Cinchonine and Salts	Metol	Tannic Acid
Cinchonidine and Salts	Paraldehyde	Tannin Albuminate
Citric Acid	Peppermint Oil	Tartaric Acid
Cocain	Pepsine	Terpineol
Coumarin	Peptone	Terpine Hydrate
Creosote Carbonate	Phenacetin	Theobromine
Eucalyptus Oil	Phenazone	Thymol Crystals
Gallic Acid	Phenolphthalein	Vanillin
Glycerophosphates	Pyrogallic Acid	







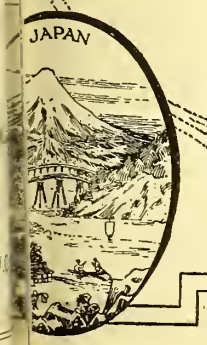


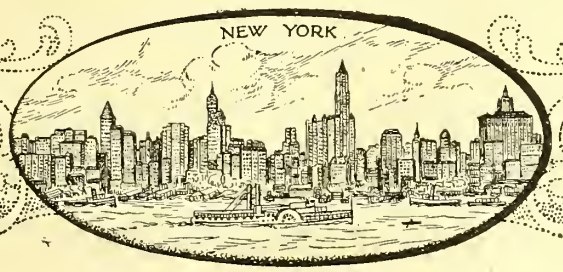
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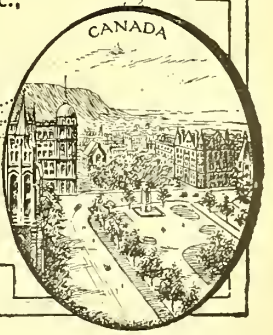
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NEW YORK AGENTS
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78, Front Street.







There is an increasing demand being displayed by

EVERY CHEMIST AND DRUGGIST

in the BIGGEST DEAL of its nature ON RECORD.

£5,000,000 TO £10,000,000

Government Surplus Stores, 50,000 items.

SHEEP DIPS.
McDougall's.

SOAP.
Pale Yellow, Crosfield's and Gossage's make, packed in 50-lb. boxes, containing 20 × 2½-lb. bars.

BEESWAX.
Zanzibar, Abyssinian, Benguella, Mozambique. Packed in bags of 1¾ cwt. each.

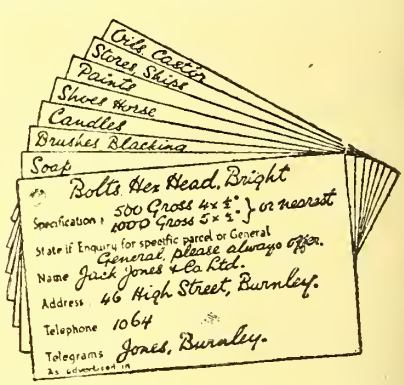
RUSSIAN TALLOW.
Packed in 5-cwt. casks.

DISINFECTANTS.
Sanitas,
"Okal,"
and other varieties.

JELLY.
Petroleum.

We can also supply—
MINERAL, RAPE, SWEET and OLIVE OILS, GLOVES (RUBBER), ISINGLASS, PARAQUIT, VERMIJELLI, NAPTHALINE PASTE, TURPENTINE.

WHAT WE WANT YOU TO DO.
We are now busy indexing the immense number and variety of items. In the meantime, if you want materials of any description, of the nature indicated, you will greatly facilitate your purchase by filling in an ordinary plain Post Card as set out below :—



One plain Post Card for **each** heading. If several inquiries, send all in one envelope. DO NOT WRITE LETTERS
These will be sorted and filed as card indices, with the result that directly the items you are interested in are scheduled you will be communicated with. It may be to-day or three weeks hence, but whenever available you will hear from us.
Think over your future as well as your present requirements. With the world shortage, what you may require in the future may be gone if you do not notify your needs promptly.

Don't blame us if you are not supplied, we are announcing broadcast our desire to supply you. It is necessary for you to respond quickly in the manner indicated.

Telephone: Cent. 1070 (10 lines).

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ROWNSON DREW & CLYDESDALE LTD.

Cables: "Rownsons Cent."

ESTABLISHED 100 YEARS.

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Works : **Elevators & Conveyors, Maiden Lane, York Road, N.**

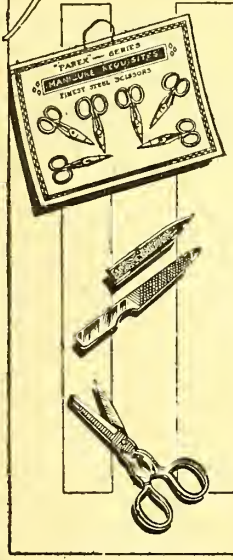
Branches : Birmingham, Belfast, Bristol, Glasgow, Leeds, Liverpool, New York, Bucharest, Utrecht, Saarbrucken.

M.A.A.

Maw's Page

No. 446. 1 : 5 : 20.

From Our Manicure Section

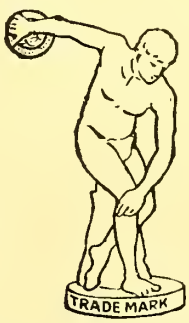


NOWADAYS, when hygi ne is realised as an important factor in one's daily life, people appreciate a well-kept hand.

In schools, small children are shown and taught how to keep their nails clean. Our Manicure Section has a supply of the following:

Straight Nail Scissors, carded	27/-	doz.
Bent, 4 in. Nail Scissors, carded ...	27/-	,,
Bent Cuticle, fine needle points ...	27/-	,,
Nail Files, flexible steel with sheath, on cards of one dozen ...	6/-	,,
Special combination Scissors, with File, Trimmer and Cigar Cutter	27/-	,,





S. MAW, SON & SONS, LTD
7-12, ALDERSGATE ST, LONDON, E.C.1, England

Maw's—"The House of the Moment."

Cable Address: - "CELAITCH, NEW YORK."
Codes: ABC, Fifth: Bentley's Improved Private.

CHAS. L. HUISKING, Inc.

5 PLATT STREET, NEW YORK CITY.

BROKERS & COMMISSION MERCHANTS,
DRUGS, CHEMICALS, OILS, Etc.

Buying and Selling Agents for leading Houses in all parts of the world.

European Manufacturers desirous of placing their goods in the American market would do well to communicate with us. Our outlet for goods is very large.

Weekly Market Reports Mailed on request of WHOLESALE BUYERS only.

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Ferd. Baller & Co., Catania, Sicily ...	*Essential Oils*
Joseph Gazan, Marseilles, France ...	*Essential Oils*
Gignoux Freres et Barbezat, Decines, France	*Crude Drugs*
Jivanlal & Co., Bombay, India	*Indian Drugs*
Chas. Lowe & Co., Manchester, England	*Carbolic Acid*
Arthur Oulmann & Co., Leghorn, Italy ...	*Italian Produce*
Fox, Roy & Co., Plymouth, England ...	*Arsenic*
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Whiffen & Sons, London, England ...	*Sandalwood Oil*

Etc.

To MANUFACTURERS OF DRUGGISTS' SUNDRIES

Announcement.

OFFICE OF
CHAS. L. HUISKING, Inc.,
5 PLATT STREET,
NEW YORK CITY.

GENTLEMEN,

We beg to announce that we have inaugurated a Special Department for the handling of Druggists' Sundries and all items allied therewith.

As we act as Purchasing Agents in New York City for over 75% of the wholesale Drug Trade of the United States, we are in excellent position to secure for foreign manufacturers a good share of the business of this country. We are also in very close touch with the wholesale Drug Trade throughout the Latin-American countries, and the present offers an excellent opportunity to European manufacturers of these goods to find an active distributing outlet for them.

Manufacturers desiring to extend their sales on this side will do well to communicate with us, and as the President of our Company, Mr. Chas. L. Huisking, will be in London for a short time about May 1, interested parties may find it advantageous to communicate with him at the Savoy Hotel, Strand, W.C.

Very truly yours,

CHAS. L. HUISKING, INC.

Seasonable Specialities

The warm weather may be with us at any time, and the pharmacist will do well to see that his stock is ready to meet an increased demand.

The following may be selected for particular attention :

Euthymol Tooth Paste

Sales are well maintained, and are bound to be further increased by the judicious publicity now appearing.

M.R.P. 1/3

Bath Crystals, P., D. & Co.

A summer line of which nearly every sale brings repeat orders. The perfume is unique, and, as the container holds nearly 1½ lbs., it is good value.

M.R.P. 3/-

Germicidal Soap (McClintock)

Apart from supplying the regular demands of doctors and nurses, Germicidal Soap may be recommended for many purposes to other customers.

M.R.P. 1 3

Hydrated Magnesia

An efficient antacid, prescribed by both doctors and dentists. Each fluid ounce contains 32 grains of Magnesium Hydroxide.

M.R.P. 8 oz. 1/6
16 oz. 2/6

Hydrogen Peroxide Solution, P.,D. & Co.

A stable solution, reliable for medical or toilet purposes. If you recommend the P. D. preparation the label will make further sales by indicating many other uses.

M.R.P. .... 4 oz. 1/3
8 oz. 1/9 ; 16 oz. 2/8

Other preparations likely to be in special demand are Analgesic Balm, Bay Rum, P., D. & Co., Euthymol Cold Cream, Euthymol Talcum Powder, Rennin Tablets and Tarfoam.

PARKE, DAVIS & CO.

50-54, Beak Street, LONDON, W.1.

Laboratories : : Hounslow, Middlesex.

T.J.—78

AYRTON'S WEEKLY PAGE 15

Seasonable Tablet Lines

Foot Bath Tablets

give immediate relief to hot, tired, aching feet, and with the advent of warmer weather will come a brisk demand for them.

FOOT BATH TABLETS are packed 30 Tablets in a decorated tin—

Per dozen - 4/6; per gross - 51/-

NAME AND ADDRESS ON SIX DOZEN AND UPWARDS.
SHOWCARDS THAT MAKE SALES ARE SUPPLIED FREE WITH ALL ORDERS.

Sulphur Tablets

Sugar base, Orange and Lime flavours.

Per lb. - - - - - 2/4

	In tins containing 24	56 Tablets
Per dozen - - -	3/3	6/3

NAME AND ADDRESS ON SIX DOZEN AND UPWARDS.
SULPHUR TABLET CARTONS FREE. THESE CAN BE SUPPLIED WITH ALL ORDERS FOR SULPHUR TABLETS.

112 lbs. - 400 cartons; 28 lbs. - 100 cartons
56 ,, - 200 ,, ; 14 ,, - 50 ,,

Rennet Tablets
for making delicious Junket

Packed 16 tablets in tube, neatly labelled and cartoned, one dozen in outer.

Per dozen, 5/6; per gross, 63/-

AYRTON, SAUNDERS & Co LTD LIVERPOOL

May 1st, 1920.

It is with extreme reluctance and regret that we at last find ourselves compelled to increase the prices of LAURENCE'S One-Solution HAIR DYES to the Trade and to the Public.

For several years past the margin on this very popular proprietary has been steadily growing less and less, due, of course, to the equally steady increase in the cost of everything concerned, viz. : materials, bottles, paper, cardboard, advertising, etc.

It has been a source of some little pride and considerable pleasure that throughout the period of the War, and until to-day, we have continued to postpone the inevitable. This has now proved to be no longer possible, and we beg to announce that on and after May 1st, 1920, the prices for LAURENCE'S One-Solution HAIR DYE will be as under—

Old Prices	1/-	1/6	2/6	3,6 sizes
are now—	1/9	2/6	3/9	5/-
Min. retail	1/9	2/6	3/9	5/-
Wholesale	15/-	20/-	30/-	36/- per doz.

less 5% discount.

SPECIAL BONUS AS USUAL:

Buyers of 3 dozen lots receive 3 bottles gratis.
,, 6 ,, ,, ,, 8 ,, ,,
,, 12 ,, ,, ,, 18 ,, ,,
of size ordered, or equivalent in other sizes.

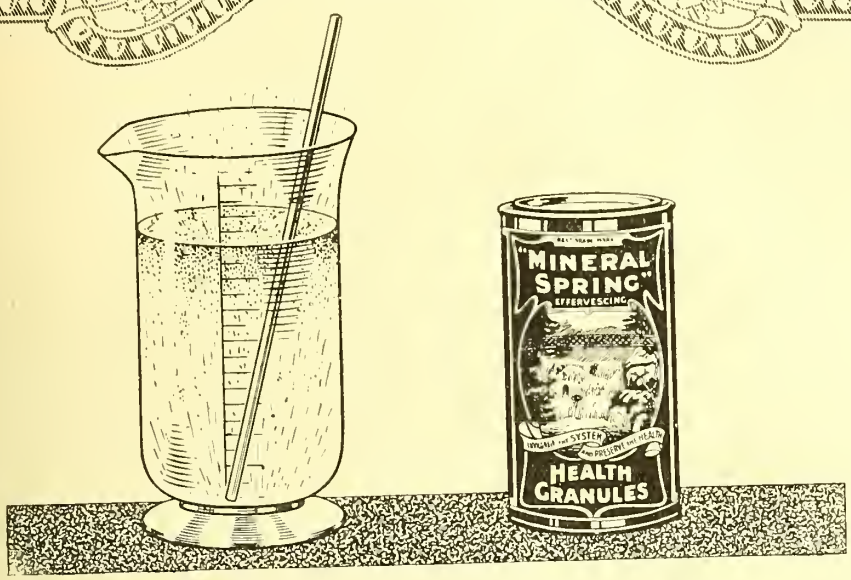
Showcards and advertising material supplied free. Coloured Chart with specimens of Hair dyed in the different Shades :

RAVEN BLACK, BLACK, DARK BROWN, BROWN, MEDIUM BROWN, LIGHT BROWN, AUBURN, CHESTNUT, GOLDEN BLOND, on application.

C. R. Harker, Stagg & Morgan

LIMITED,

Devon Wharf, Emmott Street, and Bell Wharf, Bridge Street, Mile End, E.1.



Make this personal test

in your Pharmacy of the superiority of

MINERAL SPRING

TRADE MARK

HEALTH GRANULES

MIX as directed a glass of "Mineral Spring" and a glass of the next best saline in your Pharmacy. Note the longer effervescence of "Mineral Spring," its sparkling clearness and absence of "froth."

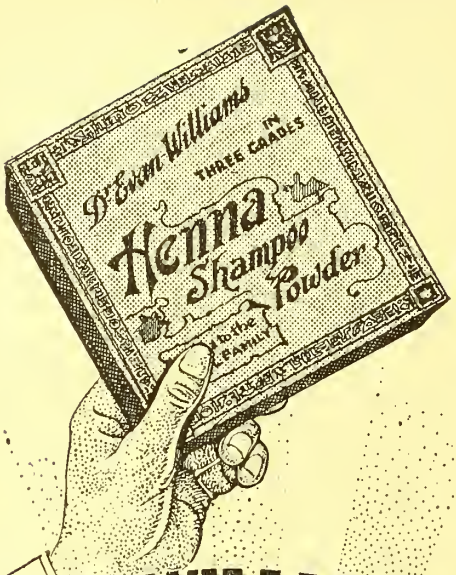
Taste the two beverages after the effervescence has subsided—taste them again five, ten, and fifteen minutes after mixing. The continued freshness of "Mineral Spring" will surprise you if you have never made this test before.

Compare them from any other points of view that occur to you—attractiveness, value to the public, value to the trade, keeping qualities—whatever your line of investigation, you must ultimately arrive at one conclusion—the pre-eminence of "Mineral Spring."

"Mineral Spring" Health Granules are sold by Chemists and Druggists only, in 1/- and 2/- tins (P.A.T.A. min.) trade prices 8/6 and 17/- per dozen respectively.

THOMAS KERFOOT & Co LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

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EVAN WILLIAM'S ORIGINAL Henna Shampoo

Your Customers will insist on the

Evan Williams'

HENNA

SHAMPOO

having been taught by experience. Are you ready to meet their demands? Stock moves freely at a handsome profit.

Full particulars are included in The SHAMPOO SALESMAN, which is sent free on request.

The **EVAN WILLIAMS CO., LTD.,**
18 & 18a, Onle St., Foley St., London, W.1.

Increase in Price
from 1st May, 1920

OWING to the increased cost of production we have reluctantly been compelled to slightly raise the wholesale price of

ANZORA CREAM and ANZORA VIOLA

the only two preparations that

Master the Hair.



New Trade Terms:

12/- per dozen retailed at 18/-
20/- „ „ „ „ 30/-

For monthly settlement otherwise strictly net we allow:

2½% disc. on orders of 3 doz.
5% „ „ „ „ 6 „
10% „ „ „ „ 12 „
and upwards

FROM ALL WHOLESALERS.



Anzora Perfumery Co., Willesden Lane, London, N.W.6

Brings Repeat Orders

BY selling Camilatone you are making certain of increasing your business because Camilatone makes pleased customers, and pleased customers always come again.

Ladies find that after using Camilatone the hair appears shades brighter by the lustre it produces. Camilatone is not a dye or a bleach, but a beauty shampoo.

IT IS SIMPLE TO SELL, SHOWS A GOOD MARGIN OF PROFIT, WE ASSIST YOU IN DEVELOPING THE BUSINESS AND HELP YOU WITH VIGOROUS ADVERTISING, AND SHOWCARDS.

Camilatone

puts Sunshine in the Hair.

Write to-day for a copy of booklet, "Hair Beauty Hints," which will be sent post free together with trade terms.

Camilatone is obtainable from R. Hovenden & Son, Ltd., Berners St., W.1., and City Road, E. C. 1., and Hollywell & Co., 44 Lexington Street, Golden Sq., W.1., or direct from

CAMOMILE TONIC CO.
16 Lichfield Road, London, N.W.2.

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GET YOUR SHARE OF THE LARGE SALES NOW BEING MADE OF **THE EMPIRE**

HENNA SHAMPOOS



They are well packed in smart envelopes and boxes, delightfully perfumed, and repeat sales are sure. Made from a Potash Soap base, so the hair is left soft and wavy.

Retail at **3d.** each.

Loose in display outers,

17/- gross.

In boxes of 7,

12/9 per doz.

3 gross printed with customer's name.

A postcard will bring a Free Sample.

Showcard in an artistic colour scheme of rich auburn, black and brown, with all orders.

THE EMPIRE PERFUMERY CO.

(Cuxson, Gerrard & Co. Ltd., Proprietors) **OLDBURY, ENG.**

EXPORT and COLONIAL Inquiries Invited.

N. V. Chemische Fabriek "Naarden"

Bussum, Holland.

MANUFACTURERS OF AROMATIC CHEMICALS, FLOWER OILS & TERPENELESS ESSENTIAL OILS.

Aldehydes, C8-C14	Coumarin, 100%	Lily of the Valley
Benzyl Benzoate	Diphenylmethane	Methyl Anthranilate
Bromstyrol, 100%	Geraniols, Specialities	Musk Xylol
Citral	Geranium Bourbon, Synth.	Paracresol Methylether.
Cinnamic Aldehyde	Lavender Oil, Synth.	Flor Rose d'Orient

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Telephone: City 4719. Telegrams: "Gerbromco, Cent, London."

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PURE ESSENTIAL OILS | BERGAMOT SWEET ORANGE, BITTER ORANGE, LEMON, MANDARIN,

TERPENELESS ESS. OILS

NEROLI "D'ITALIA"

The Best on the Market.

EXPORTATION THROUGHOUT THE WORLD

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WHOLESALE & EXPORT ONLY.

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REGGIO, CALABRIA (Italy),

Co-operative Society of Citrus Plantation Growers and Essential Oil Makers.

Buy Direct from Actual Producers

HIGHEST-GRADE GENUINE CALABRIAN OILS OF

LEMON BERGAMOT ORANGE

MANDARIN. PETIT-GRAIN. NEROLI.

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is an exclusive product of REGGIO, CALABRIA.

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184 Aldersgate Street, LONDON, E.C. 1.

Phone: City 7941.

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WE ALWAYS HOLD LARGE LONDON STOCKS OF:

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STRAMONIUM LEAVES. CHAMOMILE FLOWERS.

EUCALYPTOL CRYSTALLIZABLE.

PURE ESSENTIAL



SPANISH OILS.

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ESSENTIAL OILS

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IL PEPPERMINT (Natural)

OIL CEDARWOOD OIL HEMLOCK

OIL CEDARLEAF OIL BIRCH

Heliotropine Crystals C.P.
Vanillin C.P.
Coumarin C.P.
Oil Wormseed, American.
Oil Wintergreen Leaf, U.S.P.

AGNUS, MABEE & REYNARD, Inc.

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EW YORK - - U.S.A.
Cables—"MAGLAUR."

"ARETHUSA"

Brand

ESSENTIAL OILS

LEMON, ORANGE (Sweet & Bitter)
BERGAMOT :: MANDARIN

Guaranteed absolutely pure

The Brand that covers only Finest Quality Oils.

Manufactured by the old-established house of FRATELLI JUNG (Est. 1867) Palermo, Messina, Catania.

ASK YOUR USUAL SUPPLIERS
to deliver you **"Arethusa"** Essential Oils,
or apply to the London Agents :

Gerald McDonald & Co.,
9 BOTOLPH LANE - E.C.3.

Telegrams : "Spicebush, Bilgate, London."
Telephone : Avenue 206 (3 lines, 7 extensions).

TERPENELESS OILS
BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE
GERANIOL
CITRAL
EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE.

SPINELLI

The Oils that have a Long Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

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Lavington Street, Southwark, LONDON, S.E.1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

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CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

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FACTORY OF
Synthetic Perfumes
ALTSTETTEN—ZURICH.

Loritol (Muguet), Ionone (Violette), Geraniol, Citronellol, Rhodinol, Chirassol, Phenylethyl, Alcool, etc.

Specialities for fine perfumery

Ambre Concrete, Biancol, Birosine, Bouvardine, Capucine, Chene Royal, Heliotrope, Jacinthe, Idealone, Neroly, Raldeine, Roseine, Sweet Pea, Narisse, Orchidee, etc., etc.

Specialities for Soap Manufacturers

Acaciol, Cassia N. Cyclaman, Geranium-Roseine, Giroflee, Lilac, Muguet, Patchouly, Violet, Reseda, Peau d'Espagne, etc., etc.
ASK FOR SAMPLES.

Sole Agents for the British Empire:
G. E. KAYE, LTD.,
65 Fenchurch St., London, E.C. 3.
Telegrams: "Thesaurus-Fen, London." Phone: Central 1708

Cresp-Martineng
(Grasse, France),
Manufacturers of
ESSENCES & PRIME MATERIALS for MANUFACTURING
PERFUMERS, CONFECTIONERS,
ETC.

SYNTHETICS
ARTIFICIAL VIOLETS
(MYRIONE)
Artificial Musk

INQUIRIES SOLICITED. LARGE STOCKS
ROBERT FERBER, LTD.
98/104 OAKLEY STREET,
LONDON - S.E.1.
Agents for the UNITED KINGDOM & CANADA.

We Correct a Wrong Impression.

We do not ask you to buy

DE LUZY

lines because they are advertised, but because, in our opinion, and in the opinion of most chemists who see them, they are PERFECT TOILET PREPARATIONS, faultlessly presented, at extremely reasonable prices and SHOW A PROFIT OF A CLEAR 50% ON COST.

To SUPPORT buyers we advertise in 20 leading weeklies and monthlies, and put our large coloured posters up in any town by arrangement.

May we send you Sample and Terms?

W. H. CALNAN & CO., 30-32 LUDGATE HILL, LONDON, E.C. 4

ROURE BERTRAND FILS, GRASSE. *Established 1820.*

LAVENDER (French), SPIKE LAVENDER (French and Spanish)

NEROLI, GERANIUM (African and Bourbon), SANDALWOOD, PETITGRAIN (French and American), VETIVER (Java and Reunion), ROSEMARY, BOIS DE ROSE FEMELLE, YLANG, &c.

ORRIS CONCRETE and LIQUID.

ESSENCES, SOLIDES and LIQUIDS from flowers. RESINOIDS and POMADES.

We have Stocks in London of the most important Essential Oils and Perfumery Products.

USTIN DUPONT, Argenteuil (S. & O.), France

Makers of SYNTHETIC PERFUMES

and some of the finest original odours extant, for Sachets, &c.

SOLE AGENTS FOR THE UNITED KINGDOM:

TEPHENS BROTHERS & CO., 2, 5 & 6 Bury Court, St. Mary Axe, London, E.C. 3.

Wholesale Houses only supplied.

WE ARE ACTUAL MANUFACTURERS OF

POWDER PUFFS

end for Price List of our Special Lines of Wool Pads and Mignonnettes.

WHOLESALE AND EXPORT ONLY.

RUSSELS. **THEO. VAN DER HEYDEN,**

118-122 HOLBORN, E.C. 1. Tel.: Holborn 1873.

PARIS:
17 Rue de la Grange Batelière.

Enolin

TOOTH PASTE

"STRONG" OR "MILD"

THE SUPER PASTE

"ENOLIN" IS ALSO SUPPLIED IN POWDER FORM. 6d. and 1s. TINS.

SOLE MANUFACTURERS & PROPRIETORS:
A. & E. CARRERAS, *Perfumers,*
207 King St., Hammersmith, London, W.6.

Selling Agents for
Provinces, Ireland and Export:
Messrs. Pattinson & Mackie, Ltd.
Albion House, 59 New Oxford Street,
London, W.C.1.

MOUSLEY'S "BEAVERPUF"

Patent Nos. 4931 and 4932.
The Ladies' Natty Friend.

B. quality Brown Fur, 3/11 each, Retail.



G. quality Grey Fur, 4/6 each, Retail.

Additional Powder Bags, 6d. each, Retail.

Revolution in Powder Puff Manufacture.
Thousands already sold.
Now stocked by leading Wholesale Houses.
Usual Trade Discounts.

Patentee and Sole Manufacturer:
F. A. MOUSLEY,
Priest Bridge, Mortlake, London, S.W.14.

KEENOLIA Hair Cream.

MADE UP IN TWO SIZES:

4 oz. - per doz. **7/6** min. retail **1/3**
8 oz. - „ „ **12/-** „ „ **2/-**

Attractive Showcards supplied GRATIS.

From all Wholesalers, or direct from Manufacturers

The . .
"CASSON BRAND"
COLD CREAM
LANOLINE
LAVENDER ICE

TRADE CASSON BRAND MAR

THE
CASSON CHEMICAL CO.
LIMITED,
44a WESTBOURNE GROVE, LONDON, W.

TETLOW'S

"SWANDOWN"

FACE POWDER

OWING to the continued advance in the cost of all raw materials in America, the proprietors have been compelled to further advance the price. It is now **10/-** per doz., minimum retail price **1/3** per box, the profit to the Trade being exactly as before.

HENRY C. QUELCH & CO.

4 & 5 Ludgate Square, London, E.C.4

PERMANOL

The New Super Hair Colourin

PRICES :
Large Size,
84/-
per dozen.
Retailing at
12/6
per case.



PRICES :
Small Size,
30/-
per dozen.
Retailing at
3/6
per case

PUT UP in 36 distinct natural colours, classified in 6 different series of 6 numbers each.
Each series is composed of the same ingredients and assists in choosing a darker or lighter shade of the same hue.

1st Series—THE BROWNS—from Jet Black to Light Brown.

2nd Series—THE WARM BROWNS—from Warm Black to Light Warm Brown.

3rd Series—THE ASHY BROWNS—from Ashy Black to Light Ashy Brown.

4th Series—THE AUBURNS—from Darkest Auburn to Lightest Auburn.

5th Series—THE ASHY BLONDS—from Darkest Ashy Blond to Light Blond.

6th Series—THE GOLDENS—from Darkest Golden Brown to Extra Light Golden Blond.

Also "Permanol Blue Label" for bleached hair, made in 36 corresponding numbers and colours to the above

From OSBORNE, GARRETT & CO., LTD., 51 Frith Street, London, W.1 ; CALMON & NEATE, 8 Gerrard Street, London, W.1 ; HENRY SERVENTY 51 Great Marlborough Street, London, W 1 ; HOVENDEN & SONS, LTD , Berners Street, London, W.1 ; TITTERTON & HOWARD, 10 Great Titchfield Street, London, W.1, or direct from the Manufacturers.

PERMANOL LTD., 10 GEE'S COURT, LONDON, W.1

A. BOURJOIS & Cie, Ltd.

66 CARTER LANE - LONDON, E.C.4.

Please note that the prices of

Poudre de Riz de Java (Bourjois)

are as under :

2/- size. No. 45		1/3 size. No. 495	
1 doz. -	16/- per doz.	1 doz. -	11/- per doz.
6 „ -	15/9 „	6 „ -	10/9 „
12 „ -	15/6 „	12 „ -	10/6 „

The P.A.T.A. prices for Java Powder have been increased to **2/-** and **1/3** per box.

May 1, 1920.



MALACEÏNE



MALACEÏNE PRODUCTS

Manufactured by

"PARFUMERIE MONPELAS"

PARIS.

No.		Per Doz.	Retail Price P.A.T.A
62	Crème Malaceïne, Small size	15/-	1/9
63	,, ,, Medium size	30/-	3/6
64	,, ,, Large ,, ...	50/-	5/6
67	Poudre Malaceïne, Small ,, ...	25/-	3/-
68	,, ,, Large ,, ...	35/-	4/-
71	Malaceïne Toilet Soap	21/-	2/6
75	,, Perfume, each bottle in case	70/-	8/-
76	,, ,, loose	65/-	7/6
78	,, Shaving Soap	21/-	2/6

SPECIAL TERMS FOR HOME TRADE

Small quantities ... ... 7½ % 1 Month.
£5 lots and upwards, 5% Invoice and 7½ % 1 Month.

A £5 SAMPLE ORDER

	Will Cost You			*Will Realise*		
	s.	d.		£	s.	d.
1 doz. No. 62 Cream	15	0	... ...	1	1	0
½ doz. No. 63 Cream	15	0	... ...	1	1	0
½ doz. No. 64 Cream	12	6	... ...	0	16	6
½ doz. No. 67 Powder	12	6	... ...	0	18	0
½ doz. No. 68 Powder	17	6	... ...	1	4	0
½ doz. No. 71 Soap	10	6	... ...	0	15	0
½ doz. No 76 Perfume	16	3	... ...	1	2	6
½ doz. No. 78 Shaving Soap	10	6	... ...	0	15	0
	£5	9	9	£7	13	0
5 % ...	5	6				
	£5	4	3			
7½ % ...	7	10				
	£4	16	5			

OR NEARLY 60 % PROFIT.

Showcards and Booklets Supplied.

An extensive Advertising Campaign in all the principal Society Journals is now proceeding.



Sole Wholesale Agents for Great Britain and Ireland—

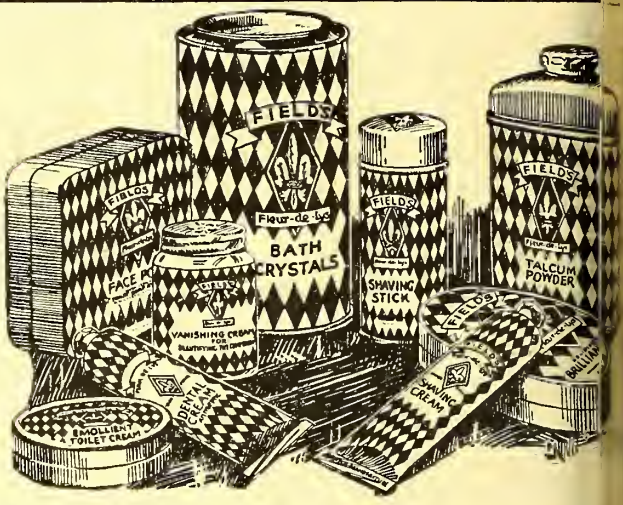
WILLIAM TOOGOOD LTD
77, SOUTHWARK ST
LONDON, S.E.1.



IN their presentation to the public, Field's Fleur-de-Lys Toilet Preparations strike an entirely new note. They are daintily packed in containers covered with a very arresting yet dignified design of old gold and black diamonds, that cannot fail to attract the attention of your customers, and convey a very pleasing impression.

These lines are all a lucrative source of profit to you, and their quality, and the very attractive manner of their presentation to the public, assure that the advantageous terms offered you are regular and continual.

Their quality is backed by our high reputation—nearly 300 years old.



FLEUR-DE-LYS
Toilet Preparations REG'D.

J. C. & J. Field, Ltd., Upper Marsh, Lambeth, S.E. 1.

Estd. in 1642, in the reign of Charles I.

WILLIAMSON BROS.,

54 LOWER THAMES STREET, E.C.3
and at Office No. 7,
49 DEANSGATE, MANCHESTER.

"THE BIG NOISE"

in the Sundries Trade.

HAS IT REACHED YOU YET?

Phone: Avenue 5827.

The Dye with a Reputation for reliability.

ROYAL COURT HAIR DY

SEVEN SHADES.

1/6 size 12/- doz. 2/6 size 18/- doz. P.A.T

The only dye giving a natural gloss to the hair.

From all wholesalers or direct

J. KNOX-WALKER & Co., Ltd., 422 Kingsland Rd., London



THE DEMAND FO
THINULENI

the never-failing remedy for DOUBLE C
and general OBESITY, is rapidly growin
Other specialities are Thinulene Cream, Thin
Ointment, Oilene for Infants' Heads, Lashe
for Eyelashes.

Have you got YOUR supply—if not, w
for particulars to—THE SEWELL To
PREPARATIONS, 37 Berners Street, W.

FACE CREAM. TOOTH POWDER. NAIL POLISH
„ POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.

A. CONNELL & CO., 3 Jewry Street, LONDON, E.C.
PHONE—AVENUE 1945.

Why Gibbs Advertising helps YOU

NINE out of ten customers ask for things they have seen advertised. Your customers are familiar with Gibbs Toilet Preparations because we are continuously advertising in the National and Local Newspapers and Magazines.

GIBBS May Announcements will appear in these Media.

SCIENTIFIC PRESS

British Dental Journal	British Journal of Dental Science
Dental Record	Dental Surgeon
Dental Practitioner	

NATIONAL PRESS

Daily Mail	Coming Fashions
Daily Mirror	John Bull
Daily Sketch	Passing Show
Daily Chronicle	Graphic (2 colours)
Evening News	Pan (2 colours)
Punch (2 colours)	

PROVINCIAL PRESS

Manchester Evening Chronicle	Dundee Evening Telegraph
Newcastle Evening Chronicle	Cardiff Evening Express
Edinburgh Evening Dispatch	Glasgow Evening Times
	Yorkshire Evening Post
	Yorkshire Telegraph and Star

Appealing to upwards of TEN MILLIONS of Readers.

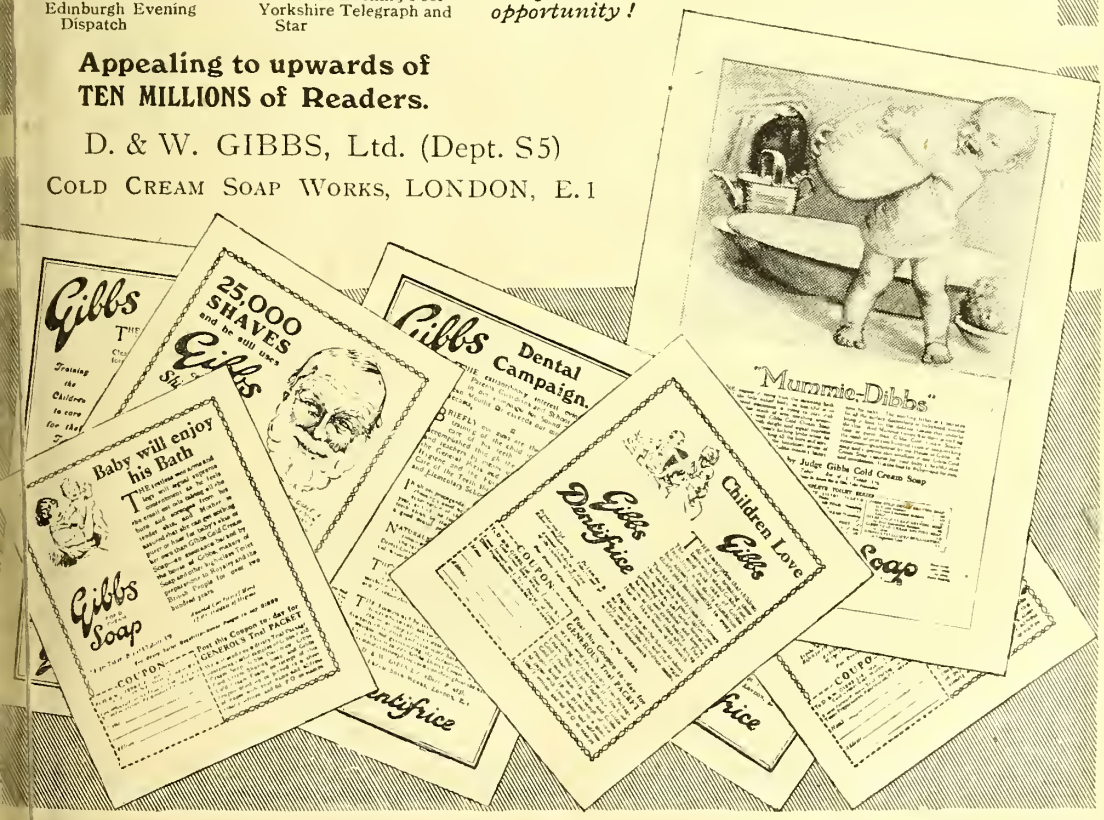
Our advertising schemes include strong educational propaganda directed to the children while at school and through them their parents; a campaign addressed to the dentists which is receiving strong professional support; and our ever-popular sampling scheme.

For this reason we ask you to look to your stocks of Gibbs Dentifrice, Gibbs Cold Cream Soap, and Gibbs other Toilet Preparations, for you are assured a steady and increasing demand for these articles.

Make the most of this opportunity!

D. & W. GIBBS, Ltd. (Dept. S5)

COLD CREAM SOAP WORKS, LONDON, E.1



Leading Dentists recommend Forhan's *for the* Gums

The Forhan Treatment for Pyorrhœa is strictly ethical and recommended by leading dentists everywhere.

Forhan's for the Gums is prescribed and used throughout the dental profession, and commands wide respect because of the gratifying results accompanying its use.

Forhan's positively prevents Pyorrhœa if used in time and used consistently. As it hardens the gums, the teeth become firmer. Ordinary dentifrices cannot do this.

You can gain the lasting goodwill of your customers by recommending Forhan's preventive treatment for this dread disease. At the same time you may profit by the greatly increased demand for Forhan's resulting from an extensive national advertising campaign in leading publications.

Prices and additional information forwarded upon application.

Forhan's Ltd., Montreal.

Sole Agents: Thos. Christy & Co., 4-12 Old Swan Lane, E.C.4.



Think it over!



THESE ARE JUST THE LINES YOU WANT.

"Leona" Series are of tip-top quality, beautifully packed, well advertised, leave you a good profit, and are on the P.A.T.A.

"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size ... Cost 4/6 per dozen Sell @ 7½d.
Large Size ... „ 8/- „ „ „ @ 1/3

Recommended by the Institute of Hygiene.

"LEONA" CREME DE BEAUTE

Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in handsome 2-oz. opal pots.

"LEONA" BRILLIANTINE (SOLIDIFIED)

Cost 8/6 per dozen Sell @ 1/-

Packed in beautifully embossed tins and cartons.

POUDRE "LEONA"

Cost 8/- per dozen Sell @ 1/-

Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

YOU WON'T REGRET IT

Sole Manufacturers and Proprietors—
THE JACKSON CO., 172 St. JOHN STREET, LONDON. E.C. 1.

Regina always profitable

Price's Regina SHAVING STICK

The fact that this fine Shaving Requisite is—

1. Well advertised,
2. Highly popular, and
3. Very profitable to *you*,

should induce you to stock the *Home-produced Article* in preference to imported Shaving Sticks.

ORDER "REGINA" AND HELP THE EXCHANGE.

Samples from

PRICE'S
BATTERSEA,
LONDON,
S.W. 11.



The Perfect Paste with the Pleasant Flavour.

Anglodol

Dental Paste

A Perfect Dentifrice.
Pleasant to the taste.
Profitable to the Retailer.

Retail Price, 7½d. and 1/3.

Window display terms on application.

ANGLODOL, LTD., BERKHAMSTED.

Telephone: BERKHAMSTED 138. *Cables and Telegrams:* "ANGLODOL BERKHAMSTED."

SALES
BEAT ALL RECORDS.

INDIAN PERFUME BRICK

KEEPS AWAY MOTH.
LASTING & FRAGRANT.

PERFUME BRICK

FOR LINEN CUPBOARD AND WARDROBE.
On the P.A.T.A.
Retail Price **6d.**

Of the Makers:
WILLIS, LOW & DRUIFF, LTD.,
6 Mortimer St., London, W.
AND ALL WHOLESALERS.

"Jackel's Cream"
(without Grease)
for THE HAIR
Sold everywhere

Established 1883.



"Jackel's Cream" fixes the hair in any desired position; is unexcelled as a dressing and does not soil the headware. It removes Scurf and Dandruff, keeps the scalp healthy, and promotes the natural growth of the hair while maintaining its softness and brilliancy.

Prices for Wholesale and Export Houses on application.

RYSTALLISED
CREAM 2/6
The Mark attached to each bottle.

Jackel et Cie (of Paris) Ltd.
Sauchiehall Street
GLASGOW



ROBARTES, LTD.

1 DYER'S BUILDINGS
Holborn Bars, London, E.C. 1.

PROPRIETARY LINES

	Per Doz.	P.A.T.A.
DECOLTENE - - - - The Liquid Hair Remover	30/-	3/9
DINKIE - - - - The Dainty Deodorant	20/-	2/6
DIADEM VANISHING CREAM In "snowball" Jars	30/-	3/9
DIADEM FACE POWDER - In six shades	20/-	2/6
DIADEM WAX - - - For the Complexion	20/-	2/6
DIADEM CREME ROUGE - For cheeks and lips	20/-	2/6
DIADEM TALCUM POWDER -	10/-	1/3
DIADEM EAU DE COLOGNE—		
1 oz. - - - -	14/-	1/9
2 oz. - - - -	26/-	3/3
4 oz. - - - -	48/-	6/-
DIADEM LILY-MILK SOAP - Magnum Tablets. Beautifully packed	16/-	2/-
DIADEM BATH SALT CONCENTRATES	12/-	1/6
DIADEM TROPICAL HAIR LOTION Dispels flies and insects	36/-	4/6
DIADEM "PARFUM SEC" - A powder perfume. In 10 odours	16/-	2/-
DIADEM OXYGENATED BATH SALTS	20/-	2/6

DETERPEX OIL SOLUBLE ESSENCES
DETERPEX OIL SOLUBLE COLOURS
For the manufacture of Brilliantines, Toilet Paraffins, etc.

:: OBTAINABLE FROM ALL ::
LEADING WHOLESALE HOUSES

ROBARTES' PREPARATIONS
are largely advertised in all principal papers.

Artistic showcards and counter matter free on request.

Write for latest edition of illustrated catalogue.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY - For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads.	36/-	4/-
BARSYDE - - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive perspiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay).
R. MACLURE (Madras).
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington).

SOUTH AMERICA:
DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

We do not Profiteer

at the Expense of the Retailer.

Push "PERMOL" and make a profit of 33⅓% plus a bonus of 1 doz. tubes per gross.

10/- per dozen post free
Packed in dainty cartons specially arranged for Counter Show.

Guaranteed Absolutely Pure.

PERMOL
DENTAL CRÈME

Antiseptic and Cleansing.

The Dainty Dentifrice that will pile up your profits.

FOR Permol PURITY

Registered Trade Mark.

On the P.A.T.A.

Send us a postcard and we will execute your orders in strict rotation.

Special Terms to Wholesalers.

PERMOL PRODUCTS Co., Ltd.

73 HIGH STREET,
LEWISHAM, S.E.13.



"DOUBLE 7"

IN "DOUBLE 7" we are presenting a superb vanishing cream whose subtle charm is far superior to the usual run of face creams now being offered in such numbers and variety.

cannot be too careful about the face creams you supply to your customers, ladies will judge your other goods by the quality of your toilet articles—hem be good.

OUBLE 7" presents the ultimate in pharmacy as applied to cosmetics. raw materials employed are undeniably pure, the perfuming agents are ded with the highest possible skill.

result is "DOUBLE 7"—the very finest delicate Pink Cream of a shing nature to be obtained.

OUBLE 7" is packed in a style quite original, decidedly modern, and nctively attractive.

carton is in bold black and white with a single small red seal in the om left-hand corner.

oks good—it is; and the price is 8/6 per n.

supply showcards of the same modern design, with all orders if asked for.

Sangers
258 EUSTON Rd
LONDON. N.W.1.

A New Vanishing Cream
of Distinction.

A. ROWLAND & SONS

Proprietors of

ROWLAND'S MACASSAR OIL
KALYDOR *and* ODONTO

beg to give notice that their offices and warehouse will be moved from 67 HATTON GARDEN, LONDON, to **112 GUILFORD STREET, GRAY'S INN ROAD, W.C. 1,** on April 28.

Rowland's Macassar Oil being now on the P.A.T.A. list is well worth the attention of the Wholesale and Retail trade, as it shows a fair margin of profit to all alike.

Delphinus

TOILET PREPARATIONS

Face Cream. Dental Cream.
Brilliantine (Solid & Liquid).
Pomade Hongroise. Nail Polish.
Shampoos. etc.

Products of Unvarying Excellence

Prepared by
The Delphinus Mfg. Co.
45 Edward Street, Brighton.
Cables & Wires: Hongroise, Brighton.

"IT PAYS!"

Regular repeat orders prove that it pays the Chemist to stock Delphinus Toilet Preparations.

Their attractive appearance, quality and price would certainly impress *YOUR* Customers, besides—

OUR TERMS ARE HANDSOME.

BE WISE! *Write us* **TO-DAY.**

Delphinus TRADE MARK.

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ears' great new dvertising Campaign.

An Announcement.

MESSRS. A. & F. PEARS desire to announce to their many friends that, very shortly, they propose to open a new advertising campaign for their Transparent Soap. Circumstances beyond their control have contributed to their comparative silence during the war and, now that the famous soap is again available in large quantities, they intend that the public shall not remain in ignorance of the fact.

LEADING daily and weekly papers will carry prominent advertisements, and the resulting demand is likely to be very great. Messrs. Pears in view of this, are giving as long notice as possible to enable their friends to make the necessary arrangements to cope with the augmentation of the sale of Pears' Soap which is certain to result from the coming publicity.

A. & F. Pears, Ltd.,
71-75, New Oxford St.,
LONDON,
W.C. 1.



Pears

TRANSPARENT SOAP

TITTERTON'S CELEBRATED HAIR BRUSHES



TOOTH, NAIL, SHAVING AND BATH BRUSHES.

Makers of the "Athenæum" Tooth and Nail Brushes.

TITTERTON & HOWARD, BRUSH MANUFACTURERS: 8 & 10 GT. TITCHFIELD ST., LONDON, W.1

SHAVING BRUSHES

Guaranteed Free of Anthrax.
DELIVERY from LONDON STOCK.

COMBS.

HAIR BRUSHES (EBONY)
BABY BRUSHES

HYPODERMIC SYRINGES
(French)

MANICURE SETS
(EBONY & IVORY).

Wholesale and Export only supplied.

A. E. DEPRETER

24 Holborn, London, E.C. 1.

Telephone: Holborn 3182. *Telegrams: "Aedeprelon, Smith, London."*

WE ARE THE ACTUAL MANUFACTURERS of the following lines—

DRESSING COMBS
MANICURE SETS
HAIR ORNAMENTS
BRUSH BACKS

(For Brush Manufacturers).

All our Articles are **GUARANTEED NON-INFLAMMABLE.**

Wholesale and Shipping only supplied.

MYERS, LUMOS & Co.

MANUFACTURERS.

FACTORIES— ISLINGTON, N. FINSBURY PK., N.

SALES OFFICES— 35/6 Aldermanbury, LONDON, E.C. 2.

Phone: CITY 3526 (3 lines).

When you
uy or sell

rubber sponges

oose the quality
oduct of well-known
itish Rubber
anufacturers.



BELDAM

BRITISH QUALITY

A LIFELONG experience of Rubber and Rubber Manufacture — years of careful and costly experiment—have enabled us to produce the perfect Rubber Sponge —the Beldam.

Beldam Rubber Sponges are remarkable for their purity —from which follow their Smoothness, their Softness and Cleanliness in use—also their capacity for absorption and their length of life.

They provide the perfect sponge for use in the toilet, the bath, the lavatory, the sick room or the surgery.

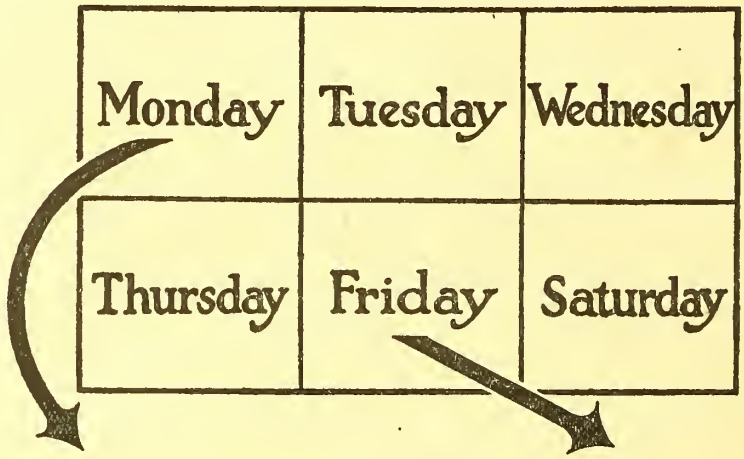
Medical men recommend them. They are unaffected by boiling water or by strong disinfectant.

They are made in five sizes. And the prices are strictly moderate. Prices to retailers as follows :—

PER DOZEN : No. 1 size **13/6**; No. 2 size **18/6**; No. 3 size **26/-**; No. 4 size **36/-**; No. 5 size **54/-**

We invite your inquiries. Address :–

Rubber Sponge Department, The Beldam Tyre Co. Ltd., Brentford, Middlesex.



Delivered! Sold out!!

ARE you getting *your* share of the profits from the phenomenal sales of Sorbo Sponges? It is no unusual thing for a big consignment to be ordered, delivered, and sold right out in a single week.

These All-British, natural-coloured, rubber Sponges have made a big hit with the public. Customers who buy them say that there are no other sponges to compare with Sorbo. They are tougher and more absorbent than other rubber sponges, cheaper and more durable than natural sponges, always free from sand and grit. Their quality is so superior that every Sorbo Sponge sold sells another!

And every sale leaves you a handsome margin of profit. Look at the prices below and see for yourself.

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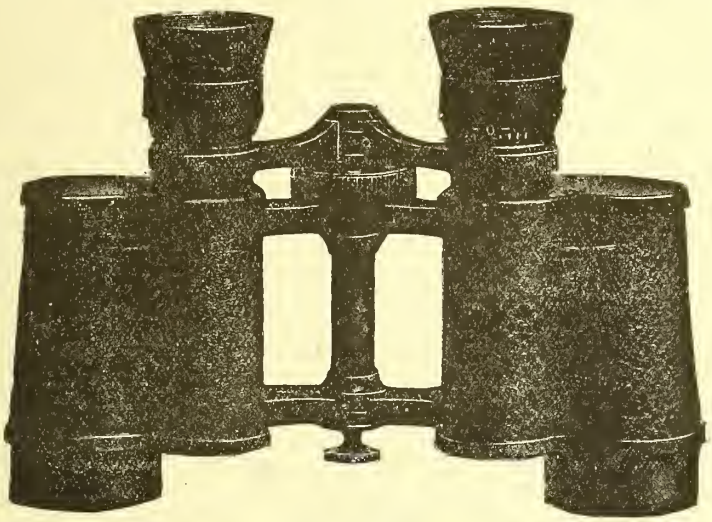
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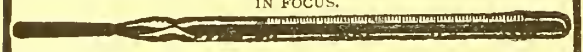


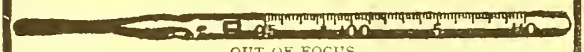
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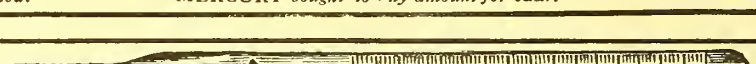
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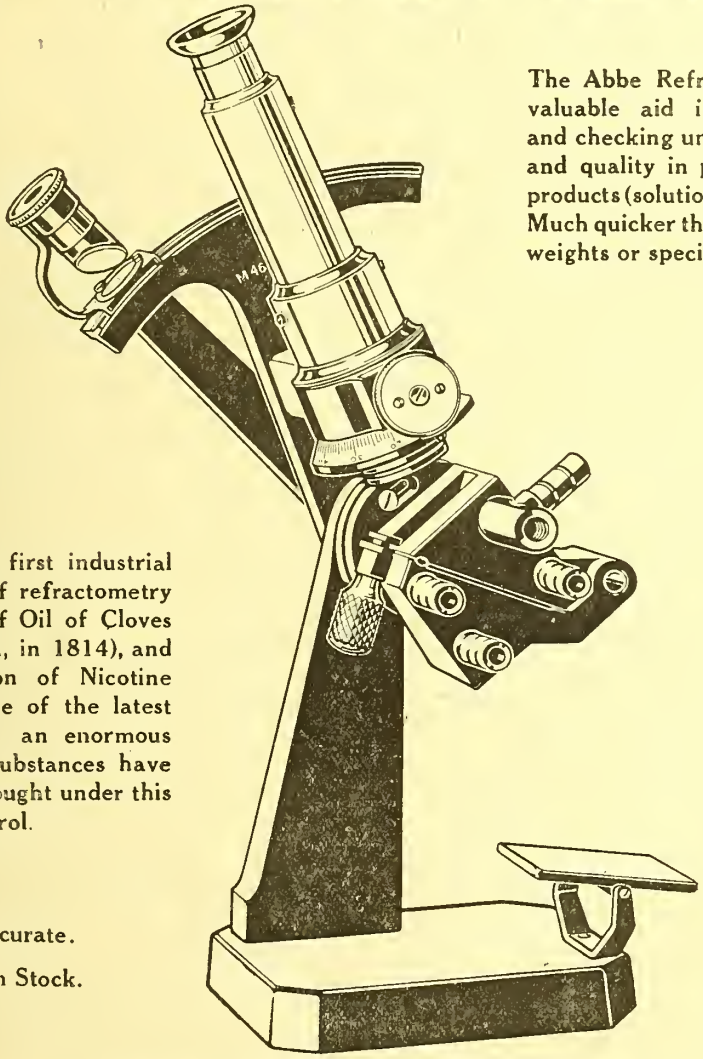
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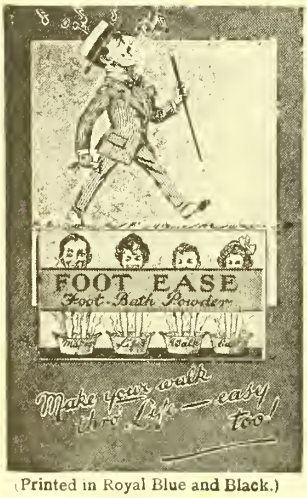
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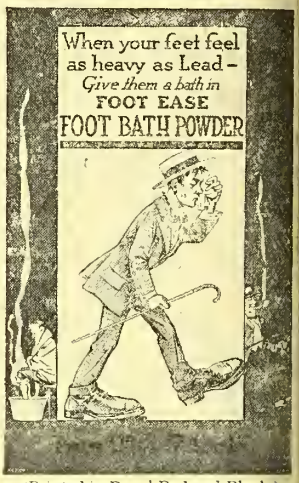
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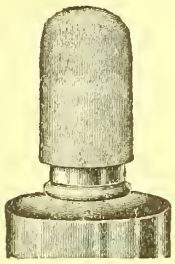
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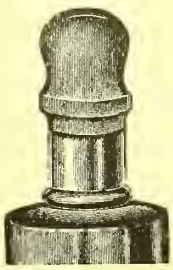
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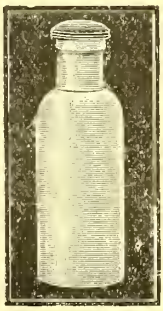
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"Cartwright Service" combines quality, neat and artistic packings with a most up-to-date advertising service. Artistic showcards, window bills and display outers make window-dressing an easy and profitable occupation. We tell you just what to display and when. Besides making a name for you for up-to-the-minute ideas, our methods produce that "pull" upon passers-by that converts them into regular customers.

Will you have a copy of our new Illustrated Catalogue and Price List?

W. B. Cartwright, Ltd
RAWDON near LEEDS

Australia—
297-299 Castlereagh Street, SYDNEY.
326 Flinders' Lane, MELBOURNE.

New Zealand—
161 Hereford Street, CHRISTCHURCH.
Wright's Buildings, Port St., AUCKLAND.

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity.
Manufactured from the finest fresh Cod Livers on same day as fish caught.

WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB LIVERPOOL" Tel.: 1039 CENTRAL

And of ST. JOHN'S, N.F. Established 1780

CHEAP BOTTLES

in stock

IMMEDIATE DELIVERY

220 Gross	½ oz.	Pale Green Limes (finished necks)	7/- per gross.
250 „	1 oz.	Ditto	8/- „
200 „	1½ oz.	Ditto	9/- „

F.O.R. LONDON. CRATES & PACKING FREE. NET PROMPT CASH. NOT LESS THAN ONE CRATE (25, 20, 15 GROSS RESPECTIVELY) SUPPLIED

Let me have your inquiries for Medicals, Panels, Tobins, Vials, etc. I can supply from Stock.

Lettered and special bottles in white flint glass up to 8 oz. capacity can be made to your requirements. First delivery in about one month's time.

E. DUNCAN DORING,

7 King Street, Cheapside, LONDON, E.C.2.

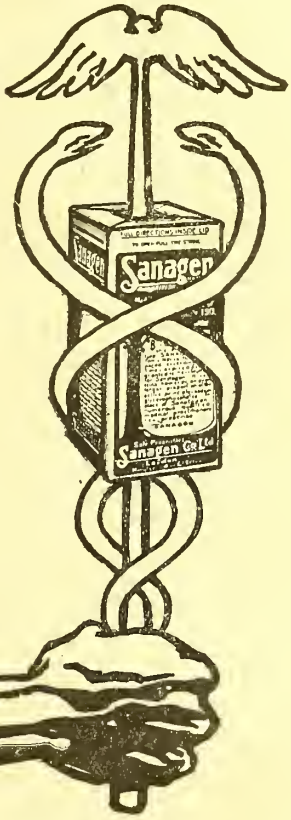
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AWARDED GOLD MEDAL AT INTERNATIONAL MEDICAL CONGRESS, LONDON, 1913

Sanagen

THE BRITISH NERVE FOOD

is a Pre-Sold Line



IT used to be the excuse for "Small Profits" on Advertised Lines that they were "Quick Returns." SANAGEN is

1. A "Quick Return" Line, because it is a Pre Sold Speciality by reason of its regular advertising.
2. It provides a 50% Profit-on-Cost.
3. It means a long run of Sales to every purchaser of a first Tin – hence accumulating Sales and Profits.



SIZES, PRICES, AND PROFITS.

4 oz.	8 oz.	16 oz.
Cost 2/- Sells 3/- **Profit 1/-**	Cost 3/4 Sells 5/- **Profit 1/8**	Cost 6/4 Sells 9/6 **Profit 3/2**

ALL WHOLESALERS STOCK IT.

SANAGEN COMPANY LIMITED,
Sheepcote Lane, Battersea, London, S.W. 11.
Telephone : Latchmere 4363.

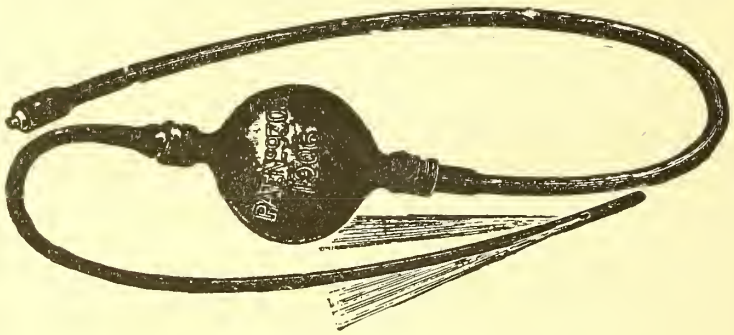
"HYDRION" A Powerful Antiseptic Tablet quickly soluble in water: for Dressing Skin Wounds, Lacerations, Compound Fractures, Burns, &c.

The formula of an eminent surgeon, obtained after years of scientific research and clinical application. "Sepsis," where directions are faithfully carried out, is unknown. *See* LANCET, *Dec.* 19, 1914, *pp.* 1438 *et seq.*

Write for Pamphlet and Free Sample.

The "NEW CENTURY" Urethral Syringe.

Price 4/-
Less Professional Discount.



Eng. Patent No. 9308. 1906.
Patented at Home and Abroad.

CHIEF POINTS OF VANTAGE:

(1) Simplicity and comparative comfort in use.
(2) Ease of complete sterilisation.
(3) Absence of hard material in construction.
(4) Remarkable absence of distress in use.
(5) Quickness in controlling discharge.
(6) Unlimited quantity of irrigating fluid.

COMPRESSED INJECTION TABLETS, SPECIALLY MANUFACTURED for use with the "NEW CENTURY" URETHRAL SYRINGE.

Each tablet makes half a pint of non-irritating injection.
Glass Tubes, containing 12 tablets, price 6d. each tube.

"DETERGOL" *BRITISH MADE WITH BRITISH MATERIAL*

AN IDEAL ANTISEPTIC DEODORANT DISINFECTANT.
Contains 20% more Cresol than any other similar preparation.

Superior to any German Preparation.

Surgical Instruments can be safely sterilised and disinfected in a few seconds without danger of corroding by using **"Detergol."**
USED BY THE MEDICAL PROFESSION FOR FOURTEEN YEARS.

TABLETS, PILLS, etc., and CHEMICAL and MEDICINAL PREPARATIONS of all descriptions
MANUFACTURED BY

HOUGH, HOSEASON & CO., LTD.

Wholesale Manufacturing Chemists. *MANCHESTER*

ABSORBENT COTTON WOOL

"ZORBO" Regd.

"Superfine" Quality.

Black Series

IN PACKETS.

1 lb.	8 oz.	4 oz.	2 oz.	1 oz.
50/-	26/-	14/-	7/6	4/- per dozen.

IN CARTONS.

1 lb.	8 oz.	4 oz.	2 oz.	1 oz.
52/-	26/6	15/-	8/3	4/6 per dozen.

IN TINS.

1 lb.	8 oz.	4 oz.	2 oz.
57/6	31/-	17/-	10/- per dozen.

Superlative Packing. Irreproachable Finish.
Undoubted Satisfaction.

ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.

HAYWARD'S

Eureka WEED KILLER



Powder & Liquid.

The Chemist's Favourite Brand.
Easiest to sell. Sales through Agents.

Please write for lists, terms, &c. . . . **TOMLINSON & HAYWARD, LTD., LINCOLN.**

PREVENTS POTATO BLIGHT.

"Blighty" REG TRADE MARK
BURGUNDY MIXTURE
Is an Investment THAT WILL PAY.

Tested and approved by the FOOD PRODUCTION DEPARTMENT

You can safely recommend 'BLIGHTY' as the BEST POTATO SPRAY.

Gives a Uniform 2% Solution.

Made from the famous 'Maple Brand' Copper Sulphate.

SIMPLE TO USE.

Order your Stock for the season EARLY.

EXTENSIVELY ADVERTISED THROUGHOUT GREAT BRITAIN.

Packed in Waterproof Bags and Grease-proof Cartons

Write for Literature from the
MOND NICKEL CO., Ltd.
Horticultural Section,
39 Victoria St., London, S.W. 1.
(3)

BATTLE, MALTBY & BOWER

Victoria Chemical Works - LINCOLN.

MANUFACTURERS OF

SHEEP DIPS (Liquid, Powder and Paste)
CATTLE WASH
EMBROCATION (Veterinary and Household)
WEED KILLER
DISINFECTANTS

PACKED UNDER CHEMIST'S OWN NAME IF REQUIRED.
WRITE FOR PRICE LIST.

FLY GUM

For Fly Papers and Reels.

Guaranteed to retain its stickiness TWO OR MORE SEASONS.

Prepared by
E. H. WRIGGLESWORTH,
Manufacturing Chemist - HULL.

MORRIS, LITTLE & SON, Ltd., DONCASTER

SHEEP DIPS Poisonous and Non-Poisonous of all kinds.
DISINFECTANT SOAPS of all kinds.
Sole Proprietors and Manufacturers of
PHENOID (formerly called PHENYLE).

DISINFECTANTS of all kinds, including LYSOL SUBSTITUTE and High Co-Efficients.

Largest Makers of Non-Poisonous Sheep Dip in the World.

By Royal Warrant of Appointment to H.M. The King

By Royal Warrant of Appointment to H.M. The King.

Only ONE Address

DAY & SONS, ESTABLISHED 1840
CREWE. LTD (CREWE)
HORSE, CATTLE, SHEEP & DOG MEDICINES.

Only ONE Address

LARGEST SALE IN THE WORLD.



DAY'S BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills and Low Condition in all Stock.

Price 1/8 per bottle

DAY'S HUSKOLEIN

Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hoose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

6/6 per bottle

DAY'S ZOMO-SAL.

For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c. in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 7/6, 20/-, and 40/-

DAY'S RED DRINK

OR COW DRENCH.

For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving, Prevents Milk Fever, and cures Bad Cleansing.

12/- per doz. packets.

The Ewe Drench for Ewes, 3/6 per doz.

DAY'S OILS

(THE PURIFIED DRIFFIELD OILS)

Heal all Wounds in Horses, Cattle and Sheep, Sore Teats, and swollen Udders in Cows and Ewes. For Anointing in difficult Lambing and Calving.

2/6 and 6/- per bottle.

DAY'S WHITE OILS.

A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

2/6 and 6/- per bottle.



DAY & SONS' "ORIGINAL" MEDICINE CHESTS

Price £1 4s., £2 4s. and £5. Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock.

WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest illustrated is similar to that at £5 and £2 4s.

GREAT SPECIALITIES.

N.B.—The above prices are now advanced. Preparations 20%; Medicine Chests to £1 8s., £2 12s., and £6 respectively.

ONLY GENUINE FROM

DAY & SONS, CREWE, LTD., CREWE, England

LIBERAL TERMS FOR FOREIGN BUYERS.

PARRY'S
MEDICATED CONFECTIONS

CHOCOLATE CREAMS

WITH THE MEDICINE INSIDE.

Made from Chocolate-coated Full-Cream Milk and Honey.

The Proprietors desire to call the special attention of Medical Practitioners, Pharmacists and Analysts to the formulæ of the prescriptions contained in Parry's Medicated Confections, which they consider to be the best it has been possible to obtain.

PARRY'S HEADACHE & NEURALGIA CONFECTIONS
(Replace Headache Powders). Each Confection contains: Phenacetin, 3 gr.; Caffeinæ, 2 gr.

PARRY'S NERVE-TONIC CONFECTIONS
Each Confection contains: Ferri Glycerophosphas, 2 gr.; Sodii Glycerophosphas, 2 gr.; Calcii Glycerophosphas, 1 gr.

PARRY'S LAXATIVE CONFECTIONS
Each Confection contains: Pure Phenolphthalein, 3 gr.

PARRY'S TEETHING and SOOTHING CONFECTIONS
(Replace Teething Powders). Each Confection contains: Mag. Carb. Levis, 4 gr.; Phenolphthalein, ½-gr.; Phenacetin, ¼-gr.

PARRY'S DIGESTIVE CONFECTIONS
Each Confection contains: Mag. Carb. Levis, 10 gr.; Bism. Carb., 2½ gr. Sodii Bicarb., 5 gr.; P. Zingib., 1 gr.; Ol. Menth. Pip., q.s.

PARRY'S ANÆMIA CONFECTIONS
Each Confection contains: Ferri Alginas, 5 gr.; Ex. Cascara Sagrada, ¼-gr.

PARRY'S ASPIRIN CONFECTIONS
Each Confection contains: Pure English Aspirin, 5 gr.

See Special Introductory "Our Risk" Offer on next page.

ALL LOOK LIKE—TASTE LIKE—

DELICIOUS CHOCOLATE CREAMS.

POINTS ABOUT PARRY'S MEDICATED CONFECTIONS.

EACH is a Standardised and Exactly Measured Size, and is guaranteed to contain the precise quantity of the medicaments stated on the box.

¶ Although the Medicines have, by Parry's unique porcess, been rendered absolutely tasteless, they are guaranteed to answer every test and requirement of the British Pharmacopœia.

¶ They contain the finest prescriptions it has been possible to obtain —and the full formula is given on each box.

¶ Although they look like sweetmeats, they are practical medicines, and are sold only through qualified Chemists and Druggists.

¶ They contain *no poisons of any kind whatever*, but to prevent any confusion with ordinary chocolate creams, each is stamped on the base with the full name.

¶ They are made from Chocolate-coated Full-cream Sterilised Milk and Honey (no sugar), and are guaranteed absolutely pure.

¶ There are Thirty Confections in a box—Price 2/6 (a penny a dose), so that they cost no more than common medicines, and less than any others of the same quality.

¶ Chemists will find them the "line of least resistance"—the fastest-selling goods they ever handled—for, while millions cannot take pills or powders, and shudder at nauseous medicines, ANYONE WILL TAKE A CHOCOLATE CREAM.

¶ *Put yourself in the place of your Customer—if you had to take Medicine, which would you prefer—a hard bitter pill, a nauseous "shuddery draught," or a delicious Chocolate Cream, made from Milk and Honey?* Is there any doubt which *you* would choose?

The most colossal advertising and sampling campaign the trade has ever known has been fully organised and will commence immediately supplies are distributed.

STOCK PARRY'S MEDICATED CONFECTIONS AT OUR RISK.
OUR "GUARANTEED SALES OR MONEY BACK" PLAN.

We have such faith in the selling powers of PARRY'S MEDICATED CONFECTIONS that we will GUARANTEE THE SALES where not less than one dozen of each kind are ordered, CASH WITH ORDER ONLY. Then if you wish to open an account, submit two references (one of which should be your wholesaler), and we will be pleased to give you the usual credit.

SEE ORDER FORM OVERLEAF.

THE PARRY PURE DRUG CO., LTD.

Laurel Works :: :: :: Garratt Lane, Wandsworth, S.W. 18

ORDER FORM *for* PARRY'S MEDICATED CONFECTIONS

(See two-page advertisement on preceding pages).

To The Parry Pure Drug Co., Ltd., Garratt Lane, Wandsworth, S.W.18.

Please sent us.....dozen boxes of Parry's Medicated Confections, assorted as follows, on the terms of your published "GUARANTEED SALES OR MONEY BACK" PLAN:

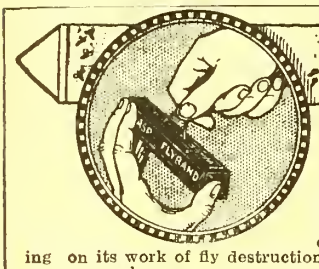
.....doz. PARRY'S HEADACHE AND NEURALGIA CONFECTIONS.
.....doz. PARRY'S NERVE-TONIC CONFECTIONS.
.....doz. PARRY'S LAXATIVE CONFECTIONS.
.....doz. PARRY'S TEETHING AND SOOTHING CONFECTIONS.
.....doz. PARRY'S DIGESTIVE CONFECTIONS.
.....doz. PARRY'S ANAEMIA CONFECTIONS.
.....doz. ASPIRIN CONFECTIONS.

Cheque.....enclosed. Name.....

Address.....

Price 2/6 per box (30 Confections) at 22/6 per doz. boxes (Minimum Price, Face Value). Special two-week window display offer: 10/- allowance on orders of £5 or over. Showcards Free.

THE PARRY PURE DRUG CO., LTD., Laurel Works, Garratt Lane, Wandsworth, S.W.18



Clean & Dry to Handle.

Retaining its adhesive condition long after opening, having a perfect drip-catcher, and efficiently carrying on its work of fly destruction, the Wasp Flyband has an enormous sale.

WASP FLYBAND

pays you because it gives rapid turnover at a protected profit, is clean and dry to handle, and is the most effective fly-catcher sold. Write for prices. *Manufacturers*—

F. W. HAMPSHIRE & CO., LIMITED, Riverside Works, DERBY.

THE

British Glass Blowers

LIMITED

Birnam Works, Birnam Road, Tollington Park, LONDON, N. 4.

Telephone No.: Hornsey 2247.
Telegrams: "Britglablo, Finspark, London."

HAND-MADE, FURNACE AND GAS BLOWN

CHEMICAL AND SCIENTIFIC GLASS WARE

Of every description made by Highest-class British Labour

Inquiries and Orders promptly executed.

FREDK. FINK & CO.,

10 & 11 MINCING LANE, LONDON, E.C.

SPECIALITIES.—Gums Arabic and Tragacanth as imported or finely powdered.

PRECIPITATED CHALK

Lightest and Whitest, also Purest Dens

Aug. Levermore & Co., Ltd. 8-10 Gt. St. Helen LONDON, E.C.3.

Telegrams: "Levermore London." Telephone: Central 461

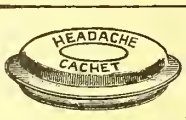


SHADEINE

FOR COLOURING GREY HAIR

This popular article is largely advertised and stocked by all Wholesale Houses. Trial size 8d., per post 10½d. Medium, 1/4, per post 1/7; Large, 3/6, per post 4/-
8d. size 6/- doz.; 1/4 size 12/- doz. 3/6 size, 33/- doz.

THE SHADEINE CO., 58 WESTBOURNE GROVE, LONDON, W.



CACHETS "FINOT"

(White or Coloured),

With Inscriptions in any desir tint: also Plain or Embossed.

"A distinction all their own."—*C. & D*
"Perfection of Cachets."—*Lancet.*

These Cachets are especially adapted for Headache, Neuralgia and other powders.

COOPER, SON & CO., Ltd., 80 Gloucester Road, SOUTH KENSINGTON.

In 17 Sizes, to fit the various types of Cachet Machines

TINORI

PAINLESS CORN CURE } NEVER FAILS

CACHETS



WEPS
The Best Quality

WEST-END PHARMACY SUP
(*R. Rios*)
33 St. Mary-at-Hill, London, E.

Cachets. All sizes, plain and embo
Orders accepted for coloured & pri

BLENOSAN CAPSUL
(Kava-Kava & Santal Compound
Medicinal Capsules, Fine Chemic

"CONSTANTLY ADVERTISED"

ANTHONY LEIGHTON
BEST SHAMPOO FOR KIDDIES.

Keeps little heads clean and parasite free in a nice way, does all that is claimed and yields you a top-hole P.A.T.A. profit.

LET US SEND YOU 6doz. & 1 doz. Bonus plenty of show cards, bills, wrappers, carrier bags etc. CARR. PAID. EACH

PATA 6° | COST 4/- DOZ | NON-POISONOUS

PATA 43% PROFIT

LEIGHTON LABORATORIES. 35 GRAYS INN ROAD. W.C.1.

TO SELL MERELY SHOW

Quin-Quenn

BETTER THAN A SHAMPOO

More heavily advertised than ever, and sales still easier, now recognised by ladies &c. that it is the only preparation that puts a "wave" in the Hair, besides growing and beautifying it.

4/- PER DOZ.

A 6 dozen decorated carton with one dozen Bonus to your address at once Carriage Paid.

P.A.T.A. EACH 6D

CHRISTY'S Old Swan Lane, LONDON, E.C.4.

4% P.A.T.A. FOR

The successful reliable kind that always gives satisfaction.

DIAMOND DYES

FOR HOME DYEING.

A LARGE ADVERTISING CAMPAIGN JUST STARTING.

This, and the unusually high cost of all fabrics, is sure to make an increasing demand for Diamond Dyes. Overhaul your cabinet at once and see your range of colours is complete. Diamond Dyes give universal satisfaction from the fact that they are manufactured in one class for correctly colouring Cotton, Linen or Mixed Goods, and another class for Wool or Silk. One kind of Dye will not give best results on different materials.

A FULL RANGE OF COLOURS NOW AVAILABLE.

6d. *size only.* **4/-** *per doz.*

FASSETT & JOHNSON, LTD.,

86 CLERKENWELL ROAD, LONDON, E.C. 1.

ALWAYS ADVERTISED

Zam-Buk

ALWAYS SELLING

C. E. FULFORD, LTD., LEEDS.

IRISH ADDRESS :

16 D'OLIER STREET, DUBLIN.





"The Aristocrat of Sweetness"

YOUR CUSTOMERS will appreciate the offer of

TRADE **'TABLOID'** MARK

Brand

TRADE **'SAXIN'** MARK

Its exceptional purity and unique sweetness make it by far the best sugar substitute.

'SAXIN' is free from metallic taste.

'SAXIN' has no flavour except that of pure sweetness.

'SAXIN' yields you a handsome profit.

Each product is equal to one large or two small lumps of the best sugar.

Issued in bottles of 100, 200 and 500 at 18/0, 33/0, and 72/0 respectively (subject)

BURROUGHS WELLCOME & CO.
LONDON





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HODGKINSONS'

Compound
SYRUP of FIGS

has a unique reputation in the Drug Trade of the United Kingdom. It is manufactured only by

THE BRITISH DRUG HOUSES,

and is sold by them

IN BULK

and also packed

"READY FOR RETAIL"

in a variety of styles.

May be had in W. Qts. from all Wholesale Druggists, or direct from

THE BRITISH DRUG HOUSES LTD.

22-30 Graham Street, City Road, LONDON, N. 1.

THE CHEMIST AND DRUGGIST

ESTABLISHED

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in the Overseas Dominions.

Subscription Rates. TWENTY SHILLINGS a year payable in advance to any part of the world, including a copy of *The Chemist and Druggist Diary*. Subscriptions may begin with the first issue of any month. Single Copy 9*d*. post free; *Diary*, 5*s*. post free. Postal orders and cheques should be crossed "Bank of Liverpool and Martin's Ltd."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 20*s*., franco

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 20*ch*., franco.

Terms for Advertising may be obtained on application to the Publisher

HEAD OFFICE: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus, Cannon, London." Telephone: Central 3617 (three lines).

BRANCH OFFICES: MELBOURNE AND SYDNEY, AUSTRALIA.

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New Books.

Hatschek, E. *Laboratory Manual of Elementary Colloid Chemistry.* 7⅜ in. × 4¾ in. Pp. 135. 6*s*. 6*d*. J. & A. Churchill, 7 Great Marlborough Street, London, W. [The first collection of practical exercises in colloid chemistry designed to make the student familiar with the special methods and materials in this recently developed branch of chemistry. Exact descriptions of the methods of making the test preparations are given, while the characters of the reagents are described in a manner which shows that the writer is quite familiar with all the details of the subject. Mr. Hatschek is in fact the chief expert in this country on colloid chemistry.]

The Industrial Council for the Building Industry, with Text of the Foster Report on Organised Public Service in the Building Industry. The Garton Foundation. 7½ × 4¾ in. Pp. 153. 1*s*. paper covers. (Harrison & Sons, St. Martin's Lane, London, W.C. 2.) [A pamphlet dealing with the Building Trades' Industrial Council, which will interest those who are devising councils for other industries.]

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Ministry of Health Committee.

The Minister of Health has appointed a Committee "to consider and advise upon the legislative and administrative measures to be taken for the effective control of the quality and authenticity of such therapeutic substances offered for sale to the public as cannot be tested adequately by direct chemical means." The Committee consists of the following members: Sir Mackenzie D. Chalmers, K.C.B., C.S.I. (Chairman); Mr. H. H. Dale, C.B.E., M.D., F.R.S., head of Department of Biochemistry and Pharmacology under Medical Research Council; Mr. G. F. McCleary, M.D., medical officer, Ministry of Health; Mr. A. B. Maclachlan, assistant secretary, Ministry of Health; Mr. C. J. Martin, C.M.G., D.Sc., F.R.C.P., F.R.S., director, Lister Institute of Preventive Medicine. The secretary of the Committee is Mr. E. W. Adams, O.B.E., M.D., of the Ministry of Health, Whitehall, London, S.W. 1.

Contracts.

Whitby Guardians have accepted the tender of Mr. W. Ruff, chemist and druggist, for drugs, etc.

West Bromwich Guardians have directed that in future all drugs and medical appliances shall be supplied by the Board instead of by the medical officers, and that prescriptions shall be made up by local chemists.

The following Government contracts have been notified:

ADMIRALTY.—*Platinum Sheets and Wire.*—Johnson, Matthey & Co., Ltd. *Thermometers.*—A. C. Cossor & Son; T. A. Reynolds & Co.; T. E. Thompson & Co., Ltd.

MINISTRY OF MUNITIONS.—*Naphthalene.*—Burt, Bolton & Haywood, Ltd.

INDIA OFFICE.—*Acids.*—Burgoyne, Burbidges & Co., Ltd.; W. J. Bush & Co., Ltd.; Johnson & Sons (manufacturing chemists), Ltd. *Ammonium Chloride.*—Chance & Hunt, Ltd. *Bismuth Carbonate.*—T. Tyrer & Co., Ltd. *Cod-liver Oil.*—Thomas Hodgkinson, Prestons & King. *Cresol.*—Jeyes' Sanitary Compounds Co., Ltd.; Newton, Chambers & Co., Ltd. *Gauze.*—Robinson & Sons, Ltd. *Hexamine.*—F. W. Berk & Co., Ltd.; Evans Sons Lescher & Webb, Ltd. *Ink.*—H. C. Stephens. *Silver Nitrate.*—Johnson & Sons (Manufacturing Chemists), Ltd. *Syringes.*—A. E. Braid & Co., Ltd. *Tablets.*—Parke, Davis & Co., Ltd.

POST OFFICE.—*Candles.*—J. C. & J. Field, Ltd. *Sealing Wax.*—Blackwood & Co., Ltd. *Zinc Rods.*—Siemens Bros. & Co., Ltd.

CROWN AGENTS FOR THE COLONIES.—*Drugs, etc.*—Burgoyne, Burbidges & Co., Ltd. *Tarco.*—R. S. Clare & Co., Ltd. *Vaccine.*—Lister Institute.

BROADMOOR ASYLUM.—*Drugs and Sundries.*—C. J. Hewlett & Son, Ltd.

Birmingham.

Local drysalters are reported to be so busy that they have to close their doors periodically until the congestion is relieved.

A business-efficiency exhibition, to be held in Bingley Hall, is being promoted by several Midland chambers of commerce. Entries are invited.

Mr. J. E. Adams, chemist and druggist, formerly an assistant with Mr. S. H. Bird, Coventry, has purchased the business of the late Mr. George Ashman, 72 Camp Hill.

Much sympathy is felt locally for Mr. J. H. Scampton, Bournemouth, who has just lost his wife (*C. & D.*, April 24, p. 89), as he was apprenticed to Mr. C. Thompson, Ph.C., Sparkbrook, and studied pharmacy under Mr. F. H. Alcock, F.I.C., Ph.C., King Alfred's Place.

Leeds.

Mr. James R. Kirk, chemist and druggist, Hunslet Road, has been elected chairman of the Hunslet Guardians' Cottage Homes for Children at Rothwell Haigh.

The Leeds University authorities are contemplating extensions to the science laboratories, for which purpose they are appealing for 500,000*l.* It is also intended to develop the school of medicine and the school of dentistry.

Liverpool.

Local pharmacists speak of their increasingly frequent conflicts with dopers of both sexes, who have to be sternly repulsed.

The premises at 46 Castle Street, now in the possession of Clay & Abraham, Ltd., have been sold at auction (subject to the lease held by the company) for 76,000*l.*

Mr. William P. Evans, chairman of Evans Sons Lescher & Webb, Ltd., sails from Liverpool in the s.s. *Baltic* for New York on May 5, and proceeds to Quebec. It is expected that Mr. Evans will return in mid-June.

Pharmacists who are thinking of assisting the University of Liverpool towards the provision of a special fund may profitably remember that Mr. Prosper H. Marsden, Ph.C., is responsible for its classes in materia medica and pharmacy, and will rejoice in any good fortune that may befall his institution.

The rooms used by the Liverpool Chemists' Association at the Royal Institution, Colquitt Street, will be available for the British Pharmaceutical Conference in July. They are stated to be the finest in the country resorted to by pharmacists for their meetings. Many of the local learned societies forgather at the Institution, and there has been talk of attaching it to the University.

Manchester and District.

Several of the chemists in the borough of Salford have recently purchased their business premises.

Mr. D. A. Cargill, Ph.C., Lower Broughton, has purchased the business of Mr. S. Piggott, chemist and druggist, Great Clowes Street.

Mr. J. P. H. Greenwood, chemist and druggist, Patricroft, has bought the business in Ellor Street, Pendleton, recently owned by Mr. J. Dennerley, chemist and druggist.

Mr. J. C. Kidd, Cheetham Hill Road, a prominent Manchester chemist and a Past-President of the Manchester Pharmaceutical Association, has recently been elected vice-chairman of the Crumpsall Institution, which is one of the largest in the kingdom. Mr. Kidd has been a guardian for four years.

During a raid on a Chinese laundry in Upper Brook Street, Chorlton-on-Medlock, seven packets of opium prepared for smoking were found on the premises, five being hidden in the lining of a bowler hat. Four men were subsequently charged at the police court under Regulation 40B of "D.O.R.A.," and were remanded.

The Manchester Chamber of Commerce protested, on April 26, against the Excess Profits Duty in its present form, and resolved that the Government be urged to give immediate consideration to better provision for businesses which have an unfavourable pre-war standard; to more generous treatment of new businesses by the raising of the existing limits; and to the increase of percentages for depreciation and replacements to meet the higher cost of replacements.

Mr. John Wild (Wild & Salthouse, chemists, Oxford Road), has recently retired from the Council of the Manchester Pharmaceutical Association, of which he is one of the oldest members. To commemorate his retirement, he has presented a framed engraving of a series of portraits of all the Presidents of the Pharmaceutical Society from 1841 to 1891. At a Council meeting held on April 26, this gift was gratefully accepted by the President (Mr. A. Hershberg), who, on behalf of the members of the Association, thanked Mr. Wild for his handsome gift, and wished him long life and happiness in his retirement.

Sheffield.

Mrs. J. T. Appleton is, we regret to learn, dangerously ill with pneumonia. It is sincerely hoped that she will make a speedy recovery.

The new shop-front of G. W. T. Newsholme, Ltd., is nearing completion. With its white stone and green t it promises to be an ornament to High Street.

Mr. J. Barker, chemist and druggist, has been pointed dispenser at the Royal Hospital. Mr. Barr was previously engaged under the Metropolitan Asyl Board and at the Royal Naval Hospital, Chatham.

Mr. Bernard Ellis, chemist and druggist, who has ta up his profession as a barrister-at-law, has gone circuit. Mr. Arthur Ellis, who passed the Qualify examination recently, has taken over the management Ellis & Co., Ltd.

Miscellaneous.

Fire.—An outbreak of fire occurred recently at the mises of Mr. W. Biscombe, chemist and druggist, E mont, Cumberland, through a paraffin stove in a ro above the shop becoming ignited. The damage was sli

Old Beams Found in a Shop.—In the course of demolition and rebuilding of the premises of Rock Breakspear, chemists, Maidenhead, several large beams were discovered. They are believed to be 700 ye old and to have done duty as ship's timber at some per of their career.

Patent Licence.—An application for a licence to patent 29481 of 1912 for the "production of dry pulve lent or pulverisable compounds of fat" has been ma by H. A. & D. Taylor, Ltd., malt extract manufacture Sawbridgeworth. The hearing will take place at Patent Office on May 7.

Fixed Easter Advocated.—At the annual meeting the Association of British Chambers of Commerce on A 22, a motion was adopted recommending a fixed date Easter. It was urged that the present arrangement up the business community for the whole of the year, and t the Churches were in favour of the change.

Assistants' Wages.—Negotiations regarding wages ha been opened by the National Amalgamated Union of Sh Assistants, Warehousemen and Clerks with Boots, Lt on behalf of their staff employed at the followi branches. All Birmingham branches, and Bromsgro Coventry, Dudley, Evesham, Hereford, Leamington, R ditch, Shrewsbury, West Bromwich, Walsall, Wolverhan ton, Worcester.

Co-ops and P.A.T.A.—At a meeting on April 20 the Fixed Retail Prices Sub-Committee (Trusts), und the Profiteering Act, consideration was given to the co plaint made by the St. Cuthbert's Co-operative Societ Ltd., Edinburgh, against the Proprietary Articles Tra Association. The Sub-Committee unanimously agreed th they were not justified by the terms of reference pronounce any opinion on this particular case.

Sale of Food and Drugs Acts.—The Hull City analy has reported to the health committee that several chemi have sold carbonate of magnesia instead of calcined ma nesia when "magnesia" was asked for by inspecto In some cases, however, the packet was labelled "carbona of magnesia." Two samples of carbonate of magne contained 52.5 and 80 parts of lead per million respectivel the British Pharmacopœia limit being 20 parts per millio The chemists concerned have been cautioned by the co mittee.—At Bradford City Police Court, recently, Savage & Co., Ltd., chemists, were fined 5*l.*, with 1*l.* costs, for having sold, at 498 Thornton Road, citric ac containing 0.03 per cent. of lead. It had been boug without warranty.—At Birmingham recently Geor Rayner was fined 3*l.* for having sold vinegar containi only 1.6 per cent. of acetic acid.

Cocaine Case.—At Tower Bridge Police Court, Londo on April 28, Charles Holder, a ship's steward, givir an address in the United States, was charged with impor ing into the United Kingdom, and with being in unlaw ful possession of, 100 grams of cocaine and 150 gra of morphine. The evidence showed that when the alkaloids were found in his cabin on the America s.s. *Biffin* in the Surrey Commercial Dock they were d scribed by him to Customs Officers as "curios," whic he was taking to a chemist friend in New York. Th magistrate asked whether there was any evidence tha

e prisoner had tried to deal with the drugs in this untry. Inspector Damer said the packets had not been ened. It was known, however, that the accused had en to this country before and had visited the West ld. Mr. Percy Robinson, solicitor, defending, said e prisoner had no intention of selling the things in s country. They were really intended for a New rk chemist. The Magistrate: There has been far too ch of this trafficking in cocaine, and the authorities ard it as a serious matter. The prisoner is liable to ine of 100*l.* and six months' imprisonment. It may true that he got it for a friend in America, but he ght have sold it here. As the stuff had not been ned I shall impose only the small penalty of 5*l.*

Average Rise in Wages.—In the current issue of "The bour Gazette" a lengthy article is devoted to estimates the rise in rates of wages, in various trades, since y 1914. The article concludes as follows:—"There is l a wide diversity between the increases granted to ious classes of workers as regards both the actual ance in weekly wages and the percentage increase on -war rates. In some cases, notably among skilled kmen in industries where the same flat rate advance been applied to all adult workmen, the increase up to end of February last was equivalent to only about per cent., or less in some cases, on the pre-war rate. On other hand, in some other cases, particularly among the er-paid grades in the same industries, the advances are ivalent to as much as 170 or 180 per cent. on the pre- rates. While the information in the possession of the artment is not sufficiently complete to enable the age percentage increase for all industries and occupa- s to be calculated exactly, it is estimated, on the basis he available data, that the average increase in weekly es up to the end of February 1920, was about 120 to per cent. on the pre-war rates. As the length of the king week had been considerably reduced in the same od, the usual range of working hours in industry rally being about 44 to 48 weekly as compared with 48 0 before the war, the percentage increase in hourly s would be substantially greater."

In the Courts.—At the Old Bailey, London, during the ing on April 23 of a charge of obtaining money by pretences, the evidence showed that some part of a saction in motor-cycles had been conducted at the se of Commons, and the name of Mr. W. J. Uglow lcock, M.P., Parliamentary private secretary to Mr. away in the Ministry of Munitions, was mentioned. Judge directed that Mr. Woolcock should be called, later in the day his evidence was taken. Mr. Wool- said he could not remember ever having seen Hease oner) or Fletcher, an intermediary in the affair. Cer- y he did not write promising Fletcher delivery of r cycles; it would be entirely outside his province. s-examined: Are you often worried by members of ament?—That is what a Parliamentary private secre- is for. (Laughter.) The Judge, in summing up, rked that the prisoner's account of the interview was Mr. Woolcock said: "You know Mr. Tyson Wilson; abour Party are the very people who are pressing t to sell the cycles in bulk, but in small quantities, at people shall have opportunities of buying them ." The jury found the prisoner "Guilty."—At lebone Police Court, on April 26, Selfridge & Co., were fined 21*l.* for having in their possession 22 s affected with parasitic mange and for causing four m to be led in the street. W. Leslie, the company's -keeper, was fined 10*l.* in connection with the offences.

Cocaine "Salt."—A German pharmacist writes to Pharm. Zeit." saying that a packet containing one of cocaine, which had been purchased in Danzig for m. (nominally 500*l.*), consisted entirely of sodium de!

Japanese Opium.—The amount of opium produced in proper, which was purchased by the Government 1919, reached 3,751 lb. in quantity and 130,646 yen ue, showing an increase of 2,603 lb. and 106,040 yen tively compared with 1918.

Irish News.

Brevities.

Among the Red Cross workers brought to the notice of the Secretary of State for War by the chairman of the Joint War Committee of the British Red Cross and Order of St. John for valuable services during the war period, is Mr. A. W. Mann, Ph.C., Lurgan.

At the meeting of the committee of the Dublin and Provincial Retail Drug Association on April 22, it was announced that the revised drug list will be published shortly. A resolution of sympathy with the relatives of the late Mr. J. N. Hardy, a member, was passed.

The Calendar of the Pharmaceutical Society of Ireland for 1920, which has just been issued, is corrected up to December 9, 1919. The previous issue was for 1918, and except for the fact that the present volume is bound in paper covers, it follows on the lines of its predecessors. Copies may be obtained from the Registrar at 4*s.* (4*s.* 6*d.* post free).

Belfast.

The positions of research chemist and research botanist to the Linen Industry Research Association, Belfast, have been filled by the appointment of Mr. R. Philip Keith as chemist and Mr. G. O. Searle as botanist.

Mr. W. H. Gibson, O.B.E., D.Sc. (Lond.), for many years the Principal Assistant to the Superintending Chemist of the Research Department of the Royal Arsenal, Woolwich, has been appointed to take charge of the Research Department of the York Street Flax Spinning Company.

On the recommendation of the Standing Committee, the Senate of Queen's University, Belfast, has sent a new statute of diplomas in dentistry to the Under Secretary for Ireland, for publication in the "Dublin Gazette" and to be laid before both Houses of Parliament, enabling the Senate to confer the degrees of licentiate in dental surgery (L.D.S.), bachelor (B.D.S.), and master (M.D.S.) after the prescribed examinations.

Drugs and Appliances Contracts.

The Cullan District Hospital has accepted the tender of Boileau & Boyd, Ltd., for medicines at 10½ per cent. off list prices and for appliances at 12½ per cent. off. The Local Government Board has asked the Sligo Board of Guardians to intimate to the contractor for medicines whose tender was recently accepted that "his supplies must in future be up to the standard laid down by the B.P."

Poisonings.

Since our last report the following cases of fatal poisoning have been recorded:

At Notting Hill, London, Elizabeth Russell, described as a housemaid, committed suicide by taking oxalic while of unsound mind.

At Mortlake, Rosalie M. Holtom, a young married woman, committed suicide on April 25 by taking crude carbolic acid while of unsound mind.

A discharged waiter named Morley committed suicide in a London hotel by taking oxalic acid. A medical witness at the inquest estimated the quantity used as 1½ oz.

While using bromine, in the course of a test, Mr. Gerald M. Brown (eighteen), residing at Nunhead, London, S.E., accidentally dropped the flask in which it was contained, and subsequently died from the effects of the vapour. At the inquest on April 27, the father of the deceased stated in evidence that his son was experimenting on his own account, as he was allowed to do at his place of business. The medical man who attended in the case stated that the cause of death was asphyxia from inflammation of the lungs caused by inhaling the vapour of bromine; the deceased had explained to witness that he had mopped up the liquid spilt on the floor, and had, no doubt, treated the matter lightly at the time.

Scottish News.

Testimonial to Mr. J Rutherf rd Hill.

Mr. G. Shiach Kitchin, secretary and treasurer of the committee for the testimonial to Mr. J. Rutherford Hill, informs us that it has been decided to close the fund on May 16. It is proposed to make the presentation at the annual meeting of the North British Branch of the Pharmaceutical Society in Edinburgh on June 16.

Brevities

Ships' medicine-chests are scarce, and a recent order was filled by adapting a packing-case.

Alexander Arthurson (30) died recently at Dundee Royal Infirmary from the effects of oxalic-acid poisoning.

The Scottish Board of Health has issued an appeal to local authorities to utilise their full powers under the Sale of Food and Drugs Acts.

Professor H. J. W. Hetherington, who has been appointed principal of Exeter University College, is the son of Mr. Thomas Hetherington, chemist and druggist, Tillicoultry.

Ex-Bailie G. G. Hill, chemist and druggist, Rothesay, who has been awarded the M.B.E. for public services rendered during the war, received the congratulations of the Provost of Rothesay and of his fellow-councillors at a recent meeting of the town council.

Aberdeen.

Miss Dorothy L. Hunter, eldest daughter of Mr. R. Hunter, chemist and druggist, Union Street, Aberdeen, has passed the examination for the associateship at the Royal College of Music, London.

The latest balance-sheets of the Northern Co-operative Society, Ltd., show that the sales in the drug department for the year ended February 29 amounted to 21,211*l.*, and the net profit to 2,953*l.* The stock in hand at the end of the period was valued at 6,979*l.* A new branch of the drug department was opened at Great Northern Road, Woodside, on April 17, bringing the total number of these departments up to eight.

Fife.

Mr. Charles Barclay, chemist and druggist, Glencraig, has been re-elected secretary of the Ballingry Golf Club.

Mr. A. B. Arnott, chemist and druggist, Union Street, Cowdenbeath, is removing to more commodious premises on the opposite side of the street.

Mr. Peter Fenton, F.C.S., chemist and druggist, and optician, Kirkcaldy and Cardenden, has some effective advertisements in current issues of local papers.

Miss Jenny Fenton, daughter of Mr. Peter Fenton, has passed the primary division of the Associated Board of the Royal Academy of Music and Royal College of Music with highest marks.

Glasgow.

Mr. Charles Cruickshank, chemist and druggist, recently with Boots, Ltd., has acquired a business in Clydebank.

Mr. A. MacEwan, chemist and druggist, Cathcart, has contracted with the Cathcart parish council to supply medicine to the poor of the parish for the next two years.

A notice has appeared in the local Press stating that Frazer & Green, Ltd., Mr. John Foster, John Laurence & Son, Mr. John Neil, and Mr. Robert J. S. Blackwood close their premises at 9 P.M. on Saturdays and 7 P.M. other weekdays.

At a recent meeting of the special committee of the corporation on the Shops Act, objections to the chemists' and druggists' early-closing order were overruled. The town clerk was instructed to issue voting papers to ascertain if the necessary two-thirds majority exists.

A pharmaceutical department is to be established at the Royal Technical College. Dr. David Ellis, F.R.S.E., has been appointed principal. There is a vacancy for the post of lecturer (salary 400*l.* per annum), for which applications should be sent to the governors of the college before May 27.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Kenwicks, Ltd. (P.C.).—Capital, 5,000*l.* Objects: acquire Provisional Patent Specification No. 27,773 1919 relating to the utilisation of whey solids in the ma facture of sweets, chocolate, biscuits, toffee, infants' foo etc. R.O.: 79 Victoria Street, Bristol.

Atmosteral, Ltd. (P.C.).—Capital, 1,000*l.* Objec To carry on the business of engineers, chemists, farm miners, planters, distillers, refiners, carriers, electrici woodworkers, etc. R.O.: The Moorings, Nelson Dr Leigh-on-Sea.

National Dyes, Ltd. (P.C.).—Capital, 350,000*l.* jects: To carry on the business of manufacturers of d and intermediate and refined products, chemists, ma facturers of coal tar, oils, paints, pigments and varnis etc. Solicitors: Birkbeck, Yeo & Co., 20 Copthall Ave London, E.C.

Neville's (Paris), Ltd. (P.C.).—Capital, 1,000*l.* jects: To carry on the business of perfumery, toilet go and pharmaceutical manufacturers, etc. The first d tors are: Miss Olga Neville, 8 Marlborough Road, W and Oscar Neville, 25 Hamilton Road, W. 5. R 16 Woodstock Street, London, W. 1.

Job Carr & Co., Ltd. (P.C.).—Capital, 5,000*l.* jects: To take over the business of W. F. Milb chemist and druggist, Aire Street, Knottingley, Yo The first directors are: B. Dunford, 44 Cross Fi Avenue, Beeston, manufacturing confectioner, and S. Hutchinson, 26 Church Lane, Normanton, whol druggist.

William B. Dixon, Ltd. (P.C.)—Capital, 1,000*l.* jects: To take over the business of a manufactu wholesale and general chemist and druggists' sundries etc., carried on by W. B. Dixon at 17 Lord Street, S port. The first directors are: W. B. Dixon, 98 Brai Road, Stockport, pharmaceutical chemist, and A. Walker, 28 Nursery Road, Heaton Norris, Stockp director. R.O.: 17 Lord Street, Stockport.

Dioptrics, Ltd. (P.C.)—Capital, 10,000*l.* Obj To carry on the business of wholesale manufactu opticians and optical outfitters. The first directors L. L. Liebermann, F.S.M.C., D.B.O.A., F.I.O., 4 mond Street East, Manchester; A. Hershberg, M. F.S.M.C., F.I.O., 77 Cheetham Hill Road, Manche T. O. Owens, M.P.S., F.S.M.C., D.B.O.A., F.I.O., "I Cliffe," Hill Lane, Blackley, Manchester; and M Saffer, "Westbrook," Birch Grove, Rusholme, Manch R.O.: 2 Garden Street, Withy Grove, Manchester.

Hamilton, Long & Co., Ltd.—In the Chancery Div Dublin, before the Master of the Rolls, on Apr in the matter of the Companies Acts and Hamilton, & Co., Ltd., Dublin, Rathmines, and Kingstown Herbert Wilson, K.C. (instructed by Hayes & Son behalf of Hamilton, Long & Co., Ltd., applied for tions as to proceedings to be taken preliminary t hearing of a petition for sanction by the Court resolution to reduce the capital of the company 40,000*l.* to 18,000*l.*, and to reduce the nominal va the shares from 5*l.* to 3*l.* The Master of the Roll the necessary directions, including the publicati advertisements. Mr. Wilson also applied for dire preliminary to the hearing of a petition to sanctio alteration of the memorandum of association. C said the memorandum referred to a very old busine the company wanted to insert a couple of suppose powers. One was to let at a rent or commissi part of the undertaking of the company, and the was to take apprentices within the meaning of the macy (Ireland) Acts. The Board, though not int to do so at present, thought they should have full to let one or other of their shops to somebody else. Master of the Rolls also gave directions as to this p

The Profiteering Act.

Complaints.

...ast, Northumberland.—At a recent sitting of the ...teering Committee, Mr. J. R. Byers, chemist and ...gist, was the respondent in a case of alleged pro... ...ing in the sale of a bottle of Nurse Meynell's Infant ...der, the price charged being 2*s.* 3*d.* On behalf of the ...espondent, Mr. T. D. Shaw, solicitor, instructed by ...ondon solicitors of the Chemists' Defence Associa... Ltd., showed to the satisfaction of the Committee ...the advance in price from 1*s.* 3*d.* a bottle was justi... and the case was dismissed.

...nsington.—At the sitting of the Profiteering Com... on April 26, a complaint was heard against Mr. ... Harrington, chemist and druggist, 15 High Street, ...ngton, in respect to a charge of 9*s.* for dispensing a ...iption and a quantity of tabloids. The complainant ... that he asked at another chemist's shop what they ... charge for the prescription, and was told 3*s.* 3*d.* ...rmy and Navy Stores told him that they would ... 2*s.* 6*d.* for the "prescription" alone. Cross... ...ned by Mr. C. H. Kirby (Neve, Beck & Kirby): ...probably know that the respondent is a man at ...op of his profession?—I do not know that. ...Kirby, addressing the Committee, said this was not ... of selling in the ordinary sense of the word. ...ugh the Divisional Court had decided that cases of ...sing were within Profiteering Committees' jurisdic... they did not suggest that the rules of ordinary ... applied to dispensing. The Committee probably ... that respondent was an ex-President of the Phar... ...tical Society. The Chairman: You are not going ...ue that, because a man is at the top of his pro..., it is not a case of profiteering? Mr. Kirby said ...gested that if a man employed Sir Edward Carson ...wyer he would have to pay higher fees than to ...inary lawyer, although the latter might carry out ...rk very efficiently. A letter was read from the ...dent, who had been ill and at Eastbourne, asking ...xcused for his non-attendance. He pointed out that ...rges seemed high, but were not excessive, consider... care and attention he gave to the work. The ...otion in question would usually have to pass through ...ds of three qualified men, to whom he paid high ..., but, as it was brought on closing day, there ...ly two qualified men on the premises at the time. ...was required to charge less he would have to alter ...s of dispensing. If there were people who thought ...rges were too high he would prefer that they ...sewhere. He should like further to point out that ... of his premises was 500*l.* per annum and his ...0*l.* From experience, he knew there were seldom ...nplaints against him from his regular customers. ... carried on business in High Street, Kensington, ...rty-five years, and had never yet made enough ... to pay for the education of his family. Mr. ...added that the prescription contained six in..., the cost of which would be between 11*d.* and ...e bottle cost 6*d.* The material had to be dis... ...n water and strained through cotton-wool into a ... The whole process took twenty minutes. After ...all expenses, respondent's total remuneration was ...ch, he submitted, was not unreasonable profit for ...st with the skill and attention given to the work. ...ponsibility was serious. He not long since took ... the settlement of a case in which a claim was ...ainst a chemist owing to a mistake, and the amount ...nist had to pay was 1,300*l.* He might also point ...t respondent's shop was open to the service of ...rs at night and on Bank Holidays, this custom ... in a loss, so that the Committee would ...difference between a shop of that description and ...y and Navy Stores, which was closed at such ... He did not know the system employed at such ...ut it was evident that the prescription at the ...entioned did not pay. The Chairman: As I understand, the actual cost of the ingredients of this prescription, in round figures, was 1*s.* 6*d.*, including the bottle: the respondent had a profit of 4*s.* Mr. H. H. G. Price, chemist and druggist, the manager of the shop, gave evidence as to the cost of the ingredients. After consideration, the chairman said the Committee had come to the conclusion that it was a very serious case of profiteering, and they ordered a refund of 5*s.*, recommending a prosecution.—At the same sitting Mr. W. Ive, chemist and druggist, 115 Gloucester Road, S.W., had a complaint brought against him for charging 2*s.* 9*d.* and 2*s.* 3*d.* for dispensing two prescriptions. The complainant did not appear, and the respondent said the actual net cost of the prescription was 3*s.* 9*d.* He admitted he made a mistake, but it was on the wrong side. Including establishment charges, the actual cost was 5*s.* 3*d.*, so that there was a loss on the sale of the prescription. The complaint was dismissed.

Westminster.—At the sitting of the Profiteering Committee on April 26, Grays, chemists, 34 Duke Street, St. James's, S.W., were the respondents in a complaint of having charged 3*s.* 6*d.* for making up a prescription, and 2*s.* 6*d.* for a 4-oz. bottle of Epsom salts, also dispensed from a prescription. The complainant stated that he was not prepared to proceed with the complaint regarding the prescription, as he was not familiar with the component parts, nor the prices, nor the time taken for mixing. For the firm, it was replied that they had come before the Committee with figures which, they contended, would be a satisfactory answer to the charge. The inquiry into this purchase was not proceeded with. Regarding the complaint concerning the Epsom salts, it was stated, on behalf of the respondents, that the cost of the salts was 1*d.*, and that of the bottle 6*d.* As the salts were ordered in a prescription, overhead charges were added at the rate of 7*s.* 9*d.* an hour for a period of ten minutes. The chairman remarked that the firm were thus charging 1*s.* 3½*d.* for putting a pennyworth of salts into a bottle. The Committee ordered a refund of 1*s.* 3*d.*

Legal Reports.

Friars' Balsam Case.—At Bridlington, on April 26, Mr. Robert Sharples, chemist and druggist, King Street, was charged with having sold friars' balsam which, on analysis, was found to be deficient in solids to the extent of 13 per cent. Captain Foster proved the analysis. The defence had forwarded notice to plead a warranty from the manufacturer, but Mr. Lathom, for the prosecution, objected, on the ground that the notice to plead a warranty had not been received within the prescribed seven days. This objection was upheld. The Bench fined the defendant 1*l.* The chairman remarked that the Bench believed Mr. Sharples had sold the drug exactly as he received it from the wholesale manufacturers. The defendant stated that the manufacturers realised that was so, and had undertaken to pay the costs and the fine in the case.

Camphorated Oil Case.—At Kingston-on-Thames Police Court, on April 21, James W. Barker was summoned for selling camphorated oil deficient in camphor to the extent of 68.5 per cent. The Surrey county inspector, who prosecuted, stated that defendant carried on a general shop in a poor part of the town, and that the article sold as camphorated oil was prepared with a mineral oil and the proportion of camphor in it was very small; it was sold in large quantities to poor people. Mr. Sherwood, solicitor, appeared for the defence, and raised a point of law that the purchase did not comply with the Act, as the sample was taken from three small bottles. The Bench, however, ruled that the samples were taken in a proper manner. The defendant stated in evidence that he did not sell the article as plain camphorated oil; it was labelled "Camphorated Mineral Oil, for external use." He sold it just as he obtained it from the makers. The Bench decided to convict, and fined defendant 3*l.*, with costs. Notice of appeal was given.

Council Candidates.

There are twenty-two candidates for the seven positions on the Council of the Pharmaceutical Society of Great Britain which become vacant this month. Six of the candidates are members of the present Council who are seeking re-election. There are sixteen other candidates, some of them new men and others known to the drug-trade on account of work done in other departments of public pharmaceutical life. We gave in our last issue (p. 85) the views of eight of the new candidates, assuming that the policy of the ex-councillors is already well known to the members of the Society. We now give particulars of the other eight gentlemen.

Mr. H. E. Beswick,

a Blackburn dental chemist, has been in pharmacy for the past sixteen years, beginning in Blackburn under Mr. J. Harrison, and gaining further experience with Mr. F. R. de Lisle, Walton-on-the-Naze, and Mr. F. Dickenson, Mansfield, the last-named of whom was one of the promoters of the Chemists' Dental Society. With him and with Mr. de Lisle, Mr. Beswick had excellent dental training, which he has since turned to good account. He passed the Qualifying examination in 1917.

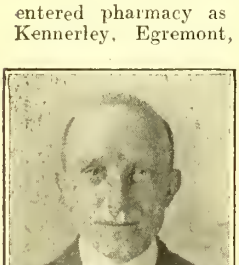


Mr. H. E. Beswick.

Mr. Beswick, who has had a varied experience in pharmacy and dentistry, strongly advocates the raising of the status of dental chemists. Mr. Beswick's two chief election points are the registration of dental chemists on the Dentists Register under the proposed Amendment Act, and his fight for 25 per cent. minimum profit on cost for retail pharmacists on all proprietaries.

Mr. D. N. Fullerton

entered pharmacy as apprentice to the late Mr. W. Kennerley, Egremont, Cheshire, in 1892. Passed the Qualifying examination in 1898. Was afterwards with Allen & Hanburys, Ltd., Vere Street, London, W., for two years, during that period being an active member of the London Chemists' Assistants' Association. After some provincial experience joined Boots, Ltd., in 1902, and has been in charge of their Market Street, Manchester, branch since 1906. Has a seat on Boots' advisory council, as elected representative of managers in Manchester and district, and is also on the executive of that body. Has belonged to the Manchester Chemists' Assistants' Association since 1910, being President from 1915 to 1917. Was one of those appointed to take the initial steps in the formation of the National Association of Chemists' Assistants, and was elected secretary at the first conference.



Mr. D. N. Fullerton.

Mr. Fullerton's election address includes the following passages :

The return of non-proprietor pharmacists will be taken as a mandate to oppose any further dilution [of the Register], and as a demonstration that the members of the Society do not consider themselves bound by secret undertakings to which they have not been a party.

The [by-law] controversy revealed the urgent necessity of amending the constitution so that a postal vote of the members may be taken on any vital question of the futu Such a provision would stimulate more general inte in the problems of pharmacy, and invest the members a whole with means of exercising a right which at pres only exists in theory.

For eighteen long months the Council has discussed establishment of an Industrial Council, and has at t embarked on a course which, if successful, will split Society from top to bottom. A decision is sought wh would enable the Pharmaceutical Society to function as employers' association, regardless of the fact that out 10,000 subscribers only about 6,000 are employers or chem in business. The return of the non-proprietor pharma will be a signal to the Council to abandon the law ac forthwith, and to leave the employers to form an indepen federation.

Mr. John Gilmour

hails from over the Border, having been born at W horn, Wigtownshire, thirty-five years ago He has h an association with retail pharmacy for twenty-one years, and qualified at Edinburgh in 1908, while acting as assistant to Mr. A. Boyd, Pollokshields, Glasgow. He served his apprenticeship with Mr. Allen M. Nicolson, late of Wigtown, Scotland, on completion of which he entered the employ of Duncanson & Raffan, chemists, Stirling, as junior assistant. After passing the Minor he was for six years senior assistant with Mr. Charles Hare, Birkdale, Southport, afterwards joining the staff of Boots, Ltd., a position on which he has recently vacated to undertake organising work among employed pharmacists.



Mr. John Gilmour

From Mr. Gilmour's election address, which was gi in The Chemist and Druggist Supplement, April 17 e take the following paragraphs :

I agree with the policy of the Society in its attitu towards the returned soldier whose studies have been bro through the call of duty, but the policy of bargain which has resulted in a number of men being regist without examination is much to be deplored. It ma be said on behalf of the Council that such a state of th was unavoidable, and that the passing of the 1908 Act re than compensated for the sacrifice which had to be ma I don't agree, as involved in it was a surrender of princ e, and if the men who have represented pharmacy in the ab have so disastrously overlooked the ethical side, then is the duty of pharmacists of to-day to see that occurrence of this kind will never happen again. There is presently virtue of such a concession the danger that men, who can fairly lay claim to as high a state of efficiency as ge within the contracting clause, may in the future mak an endeavour to obtain the same privilege, and if such a m is not counteracted in a different spirit by the Coun il, then pharmacy may eventually be in a position akin to at of an undischarged bankrupt.

Let us fight any issue that tends to lower our status nd do so openly and with clean hands.

My association with pharmacy has always been in the position of an employé, and I consider the time has ar ed when the Council should have greater representation on what will always be the greater army.

Referring more specifically in a recent communica on to the passing of the apothecaries' assistant by-law Mr. Gilmour contends that this is a direct violation o he fundamental principle upon which pharmacy is bu lt, and it is most deplorable that the men who have cla ed to represent pharmacy should have thrown aside ery ethical consideration of their craft to make what app ed to him a "favourable bargain." He adds, "They ve attacked the moral obligation that it was their du to defend. Such a course, in the long run, can only ell disaster, and it is primarily with the idea of openly in testing the adherence to such methods that my me appears on the list of candidates. There is also an er growing danger of pharmacy passing into the contr of large concerns, and I will consider it a duty as a me ber

ie pharmacists' section of the National Warehouse General Workers' Union to appeal to labour for its ort if the future of the private individual should be threatened."

Mr. Malcolm M. Irvine,

ipal of the Glasgow School of Pharmacy, was ited at the Falkirk High School, and after completing his apprenticeship with Mr. R. C. Drummond, Falkirk, filled several situations as assistant, among others with H. C. Baildon & Sons, and Duncan & Flockhart, Edinburgh. The Minor examination was passed in 1909, and the Major in 1910. Immediately afterwards, Mr. Irvine joined the staff of the Glasgow School of Pharmacy, and two years later took over the management of the School. In 1913, after acquiring the D.B.O.A. qualification, he instituted a post-graduate course in optics, which was well supported. In 1914 Irvine became joint founder of the Irvine Barr cal Co., which was destined to play an important n the production of gas-purifiers, and to provide a opportunity of demonstrating his capacity as a al engineer. The following year saw his invention double-arc process of electric welding, which was shed in special factories throughout the country for oid and economical production of submarine mines ombs. The organisation of these war businesses, are now carrying on under peace conditions in other has enabled Mr. Irvine to acquire that experience ntific and business co-ordination which he hopes to effective use in the reconstruction of pharmaceutical



ALCOLM M. IRVINE.

In the same year (1915) Mr. Irvine carried out an gation on the possibilities of bacterising peat for lasgow corporation. Throughout the war he maintthe School in constant operation, and provided d enlarged premises for returned soldiers.

Irvine's election address (in a slightly abridged s as follows :

pharmacists are optimists, others are pessimists, e are members of the Pharmaceutical Society. I am interested in the latter, for certain mercenary known to the pessimists, and have been at pains to myself as to their views on the body pharmaceutical. e word "pains" with due regard to its exact signifind have been compelled to sum up the general on in a single sentence: "The Society is no good." edly the statement is exaggerated, also we condemn s, but the constant reiteration indicates a long- discontent, and this has had its origin in the one- licy which the Society has consistently pursued.

ss Interests.—The Pharmaceutical Society was "to protect the general interests of pharmacists." ase is vague, but in my opinion "general interests" business interests" or nothing. The founders also d the laudable desire to "improve ourselves by n," and this high policy has been consistently purhe detriment of the general interests of the members. a business side as well as a scientific side to pharid the tendency to-day is to be scientifically lopsided. ht young graduates are eminently successful when ting with business men, an association to which extending drug-stores owe their success; but why y accept this fatal association in order to acquire iness training? The Society has hitherto eschewed matters as undignified; we can afford to sacrifice nity. Nothing is more dignified and interesting iness carried to a fine art; and the policy of the hould be to secure a true balance between business and scientific training.

Business Committee Wanted.—I ask a mandate to form s committee to look after the general interests of bers. The Council may not be able to act as a ion—I hardly see how it can—but one thing it can that is to act up to the Charter. A business comould correlate the efforts of federations, trading associations, wholesale chemists and druggists, and individual pharmacists, blending their ideals to one purpose—namely, the conservation of pharmacy. The price of drugs and chemicals to-day is in part the price of the neglect which pharmacy has suffered in the matter of business policy and business organisation. Market manipulators play off buyers against each other. At every step we see the dissipation of that capital which is so vital to pharmaceutical existence. A business committee would advise when to buy and what to buy, and at the same time, by keeping in touch with producers, would ensure that balance of supply and demand which makes market manipulations either impossible or unprofitable. The committee would also aim at diverting for the benefit of pharmacy the enormous sums spent on advertising proprietaries, and would organise pharmaceutical business training. At the moment we are banking on scientific training; but no amount of science will prevent money walking out of the pharmacy. Business capacity alone lays the foundation of a business, and this cannot be too soon inculcated in the future pharmacist.

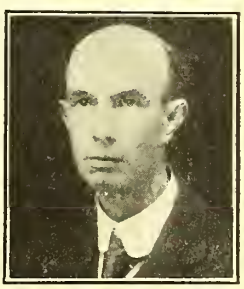
Publicity Organisation.—I am strongly averse to dispensing being carried on either in public or private institutions except under qualified supervision; and with a view to bringing outside pressure to bear on this matter, I advocate a publicity campaign to educate the public to the importance of having all medicines prepared and supplied by pharmacists. This work could readily be performed by a business committee, and the cost would be negligible compared with the enhanced prestige which pharmacy would acquire in the eyes of the public. Publicity work should be part of the routine of the Society's organisation, and if properly performed would be devoid of that vulgar ostentation so frequently indulged by individuals, and so out of keeping with our professional character.

Insurance Dispensing-fees.—The Insurance Act is probably the precursor of a State medical service, and it is up to us to make the best and the most of it. In this connection the Society's organisation has done well in the interests of its members. Much remains to be done, however, and I would insistently demand a considerable increase in the dispensing-fees.

Federation.—I am strongly in favour of all schemes of federation which aim at increasing the capital value of pharmacy. Their existence will greatly facilitate the co-ordinating efforts of the proposed business committee. The political power of the Pharmaceutical Society is largely proportional to the financial standing of the individual members, and this power will be correspondingly increased with the enhanced capital value which is our aim.

Mr. Clement W. Ridyard

was educated at Boston Grammar School; was apprenticed to, and remained as assistant with, Grimble & Kent, Boston; qualified from "Muter's" in 1898; gained further experience (prior to commencing retail business at Codnor, Derbyshire, in 1904) with the late Mr. Edmund Jones, Hanley; the late Mr. J. Senior, Eastbourne; Donington & Co., Spalding; the Johnson Hospital, Spalding; Mr. A. D. Hearnshaw, Leicester; and Mr. C. White, Buckingham Palace Road, London, S.W. Is secretary of the Derbyshire Pharmaceutical Association; secretary of the Derbyshire and Ilkeston Pharmaceutical Committees; a member of the Derbyshire Insurance Committee; a member of the Local Associations Executive; a member of the Executive of the Midland Federation of Pharmaceutical Associations; and a representative of the Pharmaceutical Society on the recently elected standing committee (National Health Insurance) jointly appointed by the Society and the British Medical Association.



MR. CLEMENT W. RIDYARD.

The following extract from Mr. Ridyard's election address embodies its chief points :

Scientific Pharmacy.—Such schemes as will emanate from the Ministry of Health will doubtless be framed with a view to an improvement in the medical services of the country, and, if elected, I should welcome and support every effort on the part of the Council to encourage the development of scientific pharmacy by the retailer. While

I expect some considerable time must elapse before our rights are fully secured to us, I feel strongly we shall ultimately play a much more important part in the medical services of the country than at present obtains.

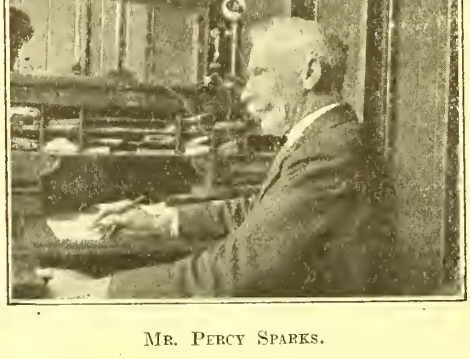
Ministry of Health.—The utmost vigilance, prompt action, and much hard work lie in front of the Council if the dispensing connected with the clinics and municipal hospitals to be set up by the Ministry is to be secured for registered pharmacists, and I am of the opinion this must be accomplished at all costs. Panel chemists may probably see still another aspect of this question. Further, I would sound a note of warning with regard to the introduction of what appears to me very much like a State dental service, and dentistry and pharmacy are close neighbours.

Employers' Organisation.—I have never yet heard convincing arguments in favour of an outside organisation for employers, nor yet seen the necessity for one, although earnest in my opinion that a strong organisation is imperative. The L.A.E. is elected solely by employers; it is territorially elected; it is a strong body. I believe that, whatever may be the outcome of the test case, the L.A.E. is capable of acting competently and thoroughly. I see no reason why, if the test case goes against us, the L.A.E. should not have its separate finances, and be in every way self-contained; but I do see that, if it is decided favourably, close relation to the Council would be a valuable asset.

I am not connected with any *coterie* of individuals, and come before you as an independent candidate. If elected, I shall go to the Council chamber with an open mind, and consider honestly and fairly every shade of opinion, without bias or prejudice.

Mr. Percy Sparks

is a Londoner. He served his apprenticeship with Grimwade, Ridley & Co., Ipswich, and qualified in 1895. After city and suburban experience joined Boots, Ltd., as relief manager, opened their branch at Ipswich, and was soon promoted to headquarters staff at Nottingham. When the Lancashire company was developed he was appointed warehouse manager in Manchester, and in 1902 was transferred to London to reorganise matters in connection with shops taken over from Day's Drug Co. He



Mr. Percy Sparks.

has since controlled the London warehouses on which branches in London and the South of England are dependent for their drug supplies. He was later appointed superintendent, and is a director of the Southern company.

In regard to pharmaceutical matters, he holds that the outlook of the Pharmaceutical Council needs broadening and requires a more sympathetic interest in the needs of the times. The Council, he states, should consist of a body of men who have intimate acquaintance with pharmacy and all those connected with it in whatever section they may be engaged. Greater interest should be taken in the education and training of apprentices. A close watch should be kept on the attitude of the Ministry of Health towards matters affecting the craft. He would strenuously oppose any extension of the by-law admitting unexamined persons to the Register of Chemists and Druggists. A more lively endeavour should be made to get chemists to become members of the Society, and a close watch kept on the Society's financial situation.

Mr. G. L. Shivas Spence

is a pharmacist in Aberdeen, where he was born in 18. Mr. Spence was educated at Robert Gordon's Coll. then served an apprenticeship to his father, Mr. Ja. Spence, chemist and druggist, Rosemount Place; d qualified in 1905. After four years' experience in te West End of London, Mr. Spence went to Singa. whence he returned prior to the outbreak of war, d then became an assistant to his father. During the r Mr. Spence saw service in the Royal Engineers, and n 1918) was wounded in France. Mr. Spence has sen us the following summary of his policy :

I am offering myself as a candidate on behalf of all n-proprietor pharmacists, feeling it is time they were re-sented on the Council, and that their views on mat pertaining to pharmacy should be given full publi Further, the far North of Scotland has a claim to a Co. seat.

The position of pharmacy under the Minister of Hea powers for training in health services, which include r-macy, is such that it makes the Pharmaceutical Counci e key of the position, and should therefore have non-o-prietor pharmacists directly represented.

I have felt strongly on the by-law question, and sh ld give my support to any movement that will ensure at pharmacy shall be for the pharmacist and him alone In other matters I should seek to do my utmost in the dire-n of furthering that which will be in the best interests all engaged in pharmacy. Motto, "Progress and Enlig n-ment."

Mr. Edwin Scholey Waring,

a director of one of the Boots companies (East), served an apprenticeship of nearly seven years in he West Riding of Yorkshire. His first situation wa as junior assistant with the late Mr. John Harrison, Ce al Beach, Blackpool. He then went as a student at he South London School of Pharmacy with the late r. Muter, and qualified in April 1880. Next he wen to Nottingham as senior assistant with Mr. Edward ar-son, with whom he served nearly four years. The he joined Boots, Ltd., as manager of the drug and dis ing department in their first shop at Goosegate, ot-tingham. After seven years' service in that cap ty he was transferred to the offices and warehouse, nd since then has assisted generally in the manageme of the business of the associated companies. He a member of the Pharmaceutical Committees of the Co ty of Nottinghamshire and of the City of Nottingham so of the Insurance Committee of the latter. In this n-nection it is interesting to recall that he was a me er of the original Committee set up by the Pharmace al Society to deal with National Health Insurance dis s-ing, and has been a member, representing corp te bodies, on the Local Associations Executive Com ee since its formation. He is also a member of the ot-tingham Pharmacists' Association.

From Mr. Waring's election circular we quot he following :

I consider that the Council which is charged wit the administration of the Pharmacy Acts should discharg hat important duty on the broadest lines of public servic nd the protection of the legitimate interests of all secti of pharmacists. If real progress is to be made it m be with the close co-operation of all concerned, an if returned, I should consider it my duty, as it would l my pleasure, to act fairly and wisely on behalf of all who re on the business of chemists and druggists.

The qualification of the pharmacist having been og-nised by the State, I am most anxious to preserv hat recognition for all time, and to use every reasonable ans to that end. The general developments expected t ake place under the Ministry of Health should be ca fully watched, and pharmacists should embrace every oppor ity of conserving and strengthening their present positio an extending the assistance which they are particularly ali-fied to render.

There should be no further admissions to the Regi r of Chemists and Druggists except through the proper on-stituted channels, which may be defined as apprenti ip training, and examination. While regretting that, der pressure, it was considered necessary to admit certai per-sons to the register without examination, I am satisfie that the reluctant supporters of the by-law are no less lo to the craft than its enthusiastic opponents.

Council Election Notes.

A London Meeting.

ETING of the Western Pharmacists' Association held at Pinoli's Restaurant, Wardour Street, on April 27, the President (Mr. H. S. Watn the chair. A communication from the Pharmal Society concerning the compiling of a book cong a record of the war work of the Association and dividual members was read. The President then upon Mr. Melhuish to give his views as a Council late. Mr. Melhuish first touched on education and rious Bills before Parliament. Whatever the de- in the test-case, Mr. Melhuish continued, he could the meeting that the Council would loyally abide ; and, if against the Council, they would assist the Associations Executive to become a trade union. gards the by-law, Mr. Melhuish said he was an unant sinner. He urged the members to sink their nces now, and to go forward with the work before Party politics were no good on the Council; moreso far as he knew, no one had been registered under r-law up to the present. Concerning the absorption men who were now qualifying, he urged mutual e and sympathy. In concluding, Mr. Melhuish ribute to the work of the L.A.E. A number of ns were asked, and a discussion, in which the ent and Messrs. Pratt, Atkin, Barrett, W. Browne, shire, and C. T. Allen took part, resulted in a reso- adopting Mr. Melhuish as the Association's can- being carried unanimously.

Support for Mr. Keith.

rcular has been issued by a strong committee, of Mr. J. Hearle, Liverpool Road, Islington, is secren support of the candidature of Mr. A. R. Keith. the committee's circular is a vigorous pronouncey Mr. Keith himself, in the course of which he

questions are vital at the present moment:
ur Qualification.—The by-law was the key which unthe door for those who howled without. There are more playing at the same game. The Army authorie issued an advertisement offering careers and train- the list is included pharmacists, dispensers, etc. ug-store people (unqualified) have drafted a Bill in yn interests, which are not ours. The Ministry of has received powers to train people for health ser- o acquire power in co-ordinating hospitals and clinics; such powers will include pharmacy.
e Great Labour Movement.—The Ministry of Labour ssaries inquiring into the definition of the drug the express purpose of establishing a Trade Board ines of the recent one in the grocery trade. That he Pharmaceutical Society will only be a part of ement, not the whole. It may lead to a drug-trade al Council representing the whole trade, on which rmaceutical Society would only be a small part. dustrial Council, in the suggested objects, has the of training.
members, do you want men who compromise on , or those who dare to stand up against Governerference with the integrity of our calling?
uestion at this election is open diplomacy and a ferendum on all vital issues affecting our calling. you to decide.

er setting forth Mr. Keith's claims has been issued B. Abelson, secretary of the East London Phar- Association. Mr. Abelson points out that Mr. andidature is supported by the following London ons—North, South-West, South-East, and East, on to several others outside the Metropolitan

Candidates' Meeting at Leeds.

ting of chemists, called by the Leeds Chemists' on and the West Riding County Pharmacists' on, was held on April 21, at Leeds, under the ship of Mr. N. N. Armitage. Messrs. T. Hardy t, Cumberland), C. W. Ridyard (Codnor, Derby- . Antcliffe (Sheffield), and F. G. Hines (York), candidates in the Pharmaceutical Council election campaign, had been invited to address the meeting. *Mr. Hines*, who was unable to attend owing to an engagement to speak at Lancaster, wrote:

My claim to re-election rests entirely on my record of service during the past three years. I have brought to bear upon my work on the Council quite an independent line of thought and action, and propose so to continue. I have never hesitated to state my own proposals in a body where personal initiative is so conspicuously absent.

My interests as a chemist and druggist in business are the interests of the great majority of the members of the Society. I have at all times acted in defence of those common interests.

My only proposal and my only concern in 1917 was a territorial scheme of organisation and representation, believing that to be the best means to the end in view. That end is the efficient protection of those common interests.

A typical test of how far we have progressed in consolidating those interests was seen in the recent proposal of the wholesalers to surcharge the retailers with 1½ per cent. on patent medicines. What could we do? Who looked after us? My concern in 1920 is to keep that same end in view and to help to make the pace on the Council.

If you as electors judge I can do that, you will ensure that I am returned to get on with the job. The cardinal point of my training on the sports field at school was never to hesitate to tackle the man, however big and heavy, as well as play the ball. If my methods in pharmaceutical politics are equally robust, my object is the same, and my game a straight one. I am out to make the result a winning proposition for all of us. I am not a paid professional, but an amateur at your service.

Mr. Thomas Hardy said that, as the Ministry of Health contemplates the reorganisation of public services, the chemists must put before that authority the importance of full recognition of the qualifications of chemists and the benefits which will accrue to the community. They must maintain persistent pressure that commissioned rank, not below that of captain, shall be the *sine qua non* of chemists in the Army and Navy. Territorial representation will remove the lethargy which has existed in the craft for so long. He entirely favoured greater publicity to members of the Society before ratification of any important agreement with authorities, and he believed that if the body of chemists had had full knowledge of the situation in 1908 there would not now have been the position of a large number of men having to be admitted to the craft without undergoing the Society's examinations. Mr. Hardy suggested that a policy of aggression in dealing with some authorities, like the Ministry of Health, might be better than always being on the defensive. Mr. H. Gilleghan (Leeds) hoped Mr. Hardy is not in favour of the kind of publicity involved in Mr. Hugo Wolff's circulars, which he regarded as betraying the work of the Council before it is ready for publication. In regard to a policy of aggression, he hoped Mr. Hardy does not propose to risk the loss of Insurance work to the chemist by going too far. He said chemists will never know the value of National Insurance work until they have lost it. Mr. Hardy said he meant that when anything of a vital nature is in contemplation the mass of chemists should be consulted before they are committed. As to attacking, they must have a constructive, rather than a waiting, policy. The chairman agreed with Mr. Hardy as to the need for more publicity, but said that in 1908 Leeds knew the position and fought it, but nobody in the country would listen. Mr. Hardy replied that in 1908 a Bill was before the House, but the country did not know the vital nature of the matter at stake. *Mr. Ridyard* (Codnor) did not believe that the election will be decided by the attitude of candidates towards the recent by-law controversy. Chemists are much more concerned with the problems of the future. Mr. Ridyard said he would go to the Council on his own merits, and not by taking advantage of other people's difficulties. His work on the L.A.E. and in other directions is well known, and he thought a member of the Council should go with an open mind, and that was why he stood as an independent candidate. Mr. Procter (Leeds) asked whether Mr. Ridyard favoured the Council laying down a basis of wages for assistants and the improvement of the position of chemists in the

Army. Mr. Ridyard replied that wages are a question for the Whitley Council, or the Trade Board. As to the Army, the Council is doing everything possible. In answer to a question by Mr. Gillingham, as to whether the Council should deal with trade matters, Mr. Ridyard said he sees no reason why any separate organisation should be created. The Council is concerned with the welfare of all qualified people, and cannot act for any one section against another. *Mr. Antcliffe* (Sheffield) spoke of his record of thirty-five years in pharmacy and twenty-five years in association affairs. Though he is a public dispenser, and not a retail chemist, he said he is out for the good of chemists as a whole. He advocated all dispensing by qualified chemists, both in shops and in institutions, and favoured territorial representation and increased education, both in preparation for the examinations and in business matters. He agreed that master chemists will be forced, sooner or later, to create a masters' union, but he considered the L.A.E. can do all that is needed. Mr. J. H. Beacock (Leeds) said that in demanding dispensing entirely by chemists they have to remember the awkwardness which will arise in some cases by the counter-demand that doctors shall have all the prescribing. This is particularly serious in the case of small common ailments. He agreed that business training is necessary. If Mr. Antcliffe favoured territorial representation, it almost follows that he favours federation, although the Sheffield Association does not seem to do so. Mr. Antcliffe said it is not practicable that all dispensing shall be given up by doctors. Sheffield has not always been in favour of territorial representation, and is not federated with the West Riding because they think they are rather out of touch with Leeds; but much has happened lately, and he believed that if the matter were reconsidered Sheffield would see that federated areas automatically follow territorial representation. At the same time, he could not commit his association. Mr. Antcliffe favoured supervision of the chemists' shops in which apprentices are to be trained.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(*From "The Trade-marks Journal," March 3, 1920.*)

"SNOWFIRE"; for all goods (3). F. W. Hampshiro & Co., Ltd., Full Street, Derby. 399,343.

"GRATHAM"; for all goods (8). By L. J. Graham, River Lane, Petersham, Surrey. 396,709.

"R L" and device; for scientific instruments, etc. (8). By Ross, Ltd., 3 North Side, Clapham Common, London, S.W. 4. 399,184.

"EL CONDE DE RAMIREZ DE ARELLANO" in facsimile handwriting; for respirators, etc. (11). By F. J. H. y Ramirez de Arellano, Batchelor's Farm, Barns Green, near Horsham, Sussex. 389,668. (Associated.)

"LION BRAND STRENGTH AND PURITY" surrounding head of lion; for goods (42). By the Lion Essence and Chemical Co., 13 Guildford Road, Brighton. 397,439.

"AVON BRIDGE" with picturo of same ("Avon Bridge" disclaimed); for food substances (42). By C. Thomas & Bros., Ltd., Broad Plain Soap Works, Bristol. 398,103. (Associated.)

"HOOVEETA"; for baking powders (42). By W. H. Dawson & Co., Ltd., 86 High Street, Leicester. 398,185.

"GOSSIP"; for food substances (42). By Elizabeth Ellis, 70 Madeley Road, Ealing, London, W. 5. 399,111.

"FRUJU"; for beverages (42). "LEMOFIZZ"; for all goods (42). By J. E. Garratt, 96 Southwark Street, London, S.E. 1. 398,617; 399,173.

"RAMSÈS"; for perfumery, etc. (48). By Société Anonyme Ramsès, 30 Rue d'Hauteville, Paris. 399,383.

"BRIBACH"; for perfumery, etc. (48). By Breidenbach & Co., 48 Greek Street, Soho Square, London, W. 1. 399,455.

"ZEBRYT"; for stove polishes (50). By Reckitt & Sons, Ltd., Dansom Lane, Hull. 398,974. (Associated.)

(*From "The Trade-marks Journal," March 10, 1920.*)

Diamond-shaped device; for all goods (1). By Purex, Ltd., Greenford Green, Harrow, Middlesex. 398,682.

"STILAXITE"; for chemicals (1). By R. L. Desoutter, 4 Hanover Street, London, W. 1. 399,040.

"TRANSACTOR" on shield device; for all goods (1). By Handelskompaniet Transactor Aktieselskab Kongsgate 14, Christiania, Norway. 398,919.

"EXTERMOTH"; for naphthalene moth-repelling preparations (2). By Southall Colour and Chemical Co., 29 [illegible]land Road, Southall, Middlesex. 387,868.

"STOPSINE"; for a dressing for animals' feet (2). By Stanbrook & Sons, 11 Melon Road, Peckham, S.E. 397,637.

"Double N Brand" and monogram "N N" on circle, the device of man with body formed from letters "N" ("Double N" disclaimed); for all goods (2, 3, 8, 11, and 48). By Nicholsons (Newcastle-on-Tyne), Ltd., Hon Junction, Newcastle-on-Tyne. 398,133/4/9/42/243. (Associated.)

"GIVE 'EM CLARK'S PIG POWDERS," with picture of pigs ("Clark's" disclaimed); for pig powders (2). By W. Clark, 23 Harcourt Road, Southampton. 398,493.

"FORMAZOL"; for chemicals (2). By A. L. Burlin, 36 [illegible] Street, Chorlton-on-Medlock, Manchester. 399,347.

"YALDITE"; for chemicals (2). By the Yalding Manufacturing Co., Ltd., near Hampstead Lane, Yalding, Kent. 399,533. (Associated.)

"ERADA"; for medicinal chemicals (3). By J. M. Wall, 5-7 Ormeau Avenue, Belfast. 393,876. (Associated.)

"GOLDEN BLOOM BRAND EXTRACT OF MALT AND COD-LIVER OIL," with picture of two fishes, etc.; for extract of malt and cod-liver oil (3). By T. McMullan & Co., 42 Victoria Street, Belfast. 393,955. (Associated.)

"BEACON" under device of top of lighthouse; for medicinal chemicals (3). By Bush, Beach & Gent, Inc., 10 Ion Court, Old Broad Street, London, E.C. 2. 394,801. (Associated.)

"SALCANI"; for medicinal chemicals (3). By A. de Dalmas & Co., Ltd., 40 Belgrave Gate, Leicester. 396,854. (Associated.)

"RHEUNITIS BRAND MEDICINAL PREPARATION"; for a medicine (3). By the Garnett Pickles Preparations Co., 35 Cromwell House, Fulwood Place, High Holborn, London, W.C. 1. 397,646.

"EIPA BRAND OINTMENT"; for ointment (3). By Fields & Co., 2 Binns Terrace, Littleborough, Lancs. 398,2[illegible]

"VANILET BRAND COMPRESSED TABLETS"; "PECTINE BRAND CHILDREN'S MIXTURE"; for medicinal chemicals (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. 398,525/784.

"PARROT BRAND," with picture of parrot; for medicinal chemicals (3). By J. Bosisto & Co. Proprietary, Ltd., 342 Little Flinders Street, Melbourne, Australia. 398 [illegible] (Associated.)

"PRODUITS ESSBRO" on seal ("Essbro" and seal device disclaimed); for goods (4), food substances (42), and perfumery, etc. (48). By Chemical Works [illegible], 260 Birchlenstrasse, Dubendorf, Switzerland. 397,360/362. (Associated.)

"NASACLES"; for respirators and attachments (11). By A. St. John Cooke, 40A Hyde Park Gate, London, S.W. 389,633.

"A B C" monogram ("A B C" disclaimed); for goods (1). By Atkinson Brothers & Co., 49 Mesnes Street, Wigan. 396,106. (Associated.)

"BLASTEASE"; for food substances (42). By the Hoffmann-La Roche Chemical Works, Ltd., 7 and 8 Idol Lane, London, E.C. 3. 397,990. (Associated.)

"JASMIL"; for milk products and infants' foods. By R. Keniston, 12 Julian Road, Sneyd Park, Bristol. 3[illegible]

"CAPRICE DE JANETTE," "GRACE," and "CHARME EMBAU[illegible]"; for perfumery, etc. (48). By Areco, Ltd., 11 Southampton Row, London, W.C. 1. 397,909/911/925.

"TRIXIE"; for perfumery, etc. (48). By John Knight, Ltd., Silvertown, London, E. 14. 399,259. (Associated.)

"DEBONAIR"; for perfumery, etc. (48). By the Standard Tablet Co., Ltd., Hove, Sussex. 399,574.

"SPONDONITE" and "SPONDITE"; for goods (50). By British Cellulose and Chemical Manufacturing Co., Ltd., 8 Waterloo Place, London, S.W. 1. 391,817/9. (Associated.)

"LUXOS"; for brushes (50). By C. H. Leng & Sons, Ltd., [illegible]bourne Road, Balsall Heath, Birmingham. 399,17[illegible]

(*From "The Trade-marks Journal," March 17, 19[illegible]*)

"BLEECKO"; for all goods (1). By Bleecker Export Trading Co., Inc., 22 Albany Street, New York, U.S.A. 398,262. (Associated.)

"BRITISH MOTOR TRADING CORPN., LIMITED, B.M.T" and device of motor-car wheel; for all goods (1), (8), and [illegible]. By the British Motor Trading Corporation, Ltd., 20/22 King Street, St. James's, London, S.W. 391,614/7/22. (Associated.)

Pharmaceutical Society of Ireland.

Council-meeting.

monthly meeting of the Council of the Pharmaceuti- ociety of Ireland, adjourned from April 13, was held pril 20 at 67 Lower Mount Street, Dublin. Mr. . Connor, J.P., President of the Society, in the chair. following members of the Council were also present : A. J. Barnes (Vice-President), Dr. J. A. Walsh, Dr. . McWalter, Messrs. G. D. Beggs, J.P. (hon. trea-), W. F. Wells, Charles E. Digges, G. A. McLean A. Owen Wells, R. Blair, John Smith, and Victor E. ia.

Recent Belfast Prosecutions.

e Registrar read the following letter he had re- d from Mr. J. C. Culbert, Ph.C., honorary secretary he Ulster Retail Drug-trade Association, dated h 30 :

ttention has been drawn to the *C. & D.* report of st Council meeting, in which you said that no reply been received to a letter sent to me. I think it only o our Association to inform you that no such letter received here, and also to say that the matter in on was before our Committee, and the action taken eir full support.

e Registrar stated, in reply to a question, that he ever got his letter back.

Prescriptions for Soldiers.

Barnes referred to a communication which had received by the Registrar from the Ministry of ons, suggesting that certain medical prescriptions in the treatment of malaria should be dispensed diers and ex-soldiers at reduced rates. The Minis- tated that this was already being done by Boots, in Great Britain. He (Dr. Barnes) had asked the rar to suggest to the secretary of the Ministry that ould communicate with the trade associations in d, and that the matter would also be referred to meeting of the Council of the Pharmaceutical ty. Personally, he (Dr. Barnes) did not think that at all within their province to deal with the matter, was purely one for the trade.

President said he supposed they could not deal he matter. All they could do was to make it public report of their meeting. He was sure that their rs, when they read of it, would, as far as possible, our to comply with the request.

W. F. Wells thought that the least the Govern- ight do was to supply their soldiers with medicine.

President read the prescriptions which it was d should be given at reduced rates, as follows :

Mixture No. 1

Quininæ sulphatis	gr. lxxx.
Acidi sulph. dil.	q.s.
Aquam	℥viij.

a sherry-glassful (two tablespoonfuls or one-eighth bottleful) every day just before breakfast, without

Mixture No. 2.

Liq. arsenic. hydrochlor. ...	℥ij.
Ferri sulph.	gr. xlviij.
Mag. sulph.	ʒxij.
Aquæ ad	℥xij.

ablespoonful in a little water three times a day after

A. Owen Wells said the Council had no power with the matter. They were only an examining He moved that the best they could do with the was to refer it to the trade association.

McLean Lee seconded the motion, which was usly adopted.

Changes of Address.

unications were submitted from the following, g changes in their addresses : Mr. Patrick M. gh, Ph.C., to The Medical Hall, 1 High Street, and Mr. P. J. Kennelly, Ph.C., to The Square, co. Kerry.

Preliminary Registration.

The following submitted certificates from the Intermediate Education Board for Ireland, and were admitted to preliminary registration; Mr. Owen McCormick, 9 Windsor Terrace, Derry; Mr. Robert A. Dudgeon, The Medical Hall, Abbeyleix; and Mr. W. Savage, Belfast.

James Watt Memorial Fund.

The Registrar read a letter from Mr. W. A. Cadbury, President, and Mr. J. F. Chambers, secretary of the James Watt Memorial Fund, stating that the Society would be interested to learn that the Centenary Commemoration of James Watt proved so successful, admirers of Watt being present from all parts of the civilised world, that the Committee was encouraged to proceed with the International Memorial. They had, therefore, every confidence in issuing an appeal for funds, believing the Memorial would receive their hearty co-operation. The communication proceeded :

Will you kindly make the appeal known to all your members, requesting their sympathy and support? We suggest that, in addition to a donation from your funds, many of your members may wish to make individual contributions.

Elections and Nominations.

The following were elected as members : Mr. J. H. Burke, Ph.C., St. Patrick Street, Cork; and Mr. W. A. Murphy, Ph.C., The Pharmacy, Pettigo, co. Donegal; and Mr. James Behan, R.D., Drug Hall, Main Street, Killaloe, co. Clare, was elected as an Associate Druggist.

The following were nominated for membership :

Miss Helena R. Hay, Ph.C., 6 Carrigfern, College Road, Cork (life); Mr. Thomas Lavery, Ph.C., 213 Mountpottinger Road, Belfast; Mr. Michael J. McConville, Ph.C., The Square, Crossmaglen; and Mr. Frank T. Timoney, Ph.C., 68 Russell Avenue, Drumcondra, Dublin.

Death Certificate.

The Registrar submitted a certificate of the death of Mr. Daniel Bowman, chemist and druggist, of Carrickfergus, who was ninety-one years of age at the date of his death.

Reports from Committees.

Reports from the following Committees were received and adopted : The Law Committee, the Certificates Committee, the Declarations Committee, the House Committee, and the School Committee.

The Society's Calendar.

Dr. Barnes proposed, in accordance with notice of motion :

That, commencing with the 1921 issue, advertisements be admitted to the pages of the Society's Calendar at a charge to be fixed upon by the House Committee, and that the Registrar be entitled to 10 per centum of the proceeds.

This suggestion was made by him for the first time fifteen or sixteen years ago in a letter which he addressed to the Council. More recently, on becoming a member of the Council, he took an early opportunity of bringing forward the matter once more by means of a notice of motion. On each occasion his proposal was turned down, but it might be that now the majority of the members present would see eye to eye with him in his suggestion. At any rate, in view of the desirability of having the Society's income increased, he offered no apology for reintroducing the subject. He thought it was a source of income that should have been availed of long ago, and had no hesitation in saying that if his suggestion had been originally adopted the scheme would have been in full swing by this time, and, instead of paying 100*l.* a year or more for their Calendar, they might have had it free, or almost free, or possibly they might have been making a profit on it. On the occasion of his previous notice of motion the Council certainly paid him the compliment of discussing the matter very fully. He would now deal briefly with one or two objections to which expression had been given at that time. Great stress had been laid on the possible loss of dignity to the Society in adopting such a scheme. To that objection he would reply that those days were gone, gone for ever. Times were changed. We are living in an entirely different

age now; and public bodies, as well as individuals, are adopting methods perfectly legitimate in themselves but which ten years ago they would not have dreamt of taking up. In this connection it was alleged that the Pharmaceutical Society of Great Britain had no advertisements in their Calendar Well, it was very possible that the idea had never occurred to the British Society; and it would not surprise him in the very least that, if the Dublin Council adopted the scheme that day, their friends across the water would quickly follow suit. Another strong objection that had been made was that the project would involve a great deal of trouble to the Council in acting as advertisement censors. He was afraid that he himself was largely responsible for that objection, because, in moving the proposal, he had insisted upon no advertisements being received from advertisers in their own calling. But he was now prepared to modify that considerably. These advertisements should be received provided that no wholesale prices nor trade terms were mentioned in the advertisements. The acceptance of an advertisement would lie with the Registrar solely, and the Council or Committee would not have any trouble with the matter at all. Many of the publishing firms, he was sure, would be glad of an opportunity of drawing attention to some of their books dealing with pharmacy subjects, and he was quite sure that their students would like to hear of text-books other than those which they might be using. Then, again, many pharmaceutical students took up medicine afterwards, and he would not be at all surprised if some of the medical colleges and licensing bodies would advertise in order to draw attention to their diplomas and classes. When he originally made the suggestion he went into the matter very carefully and made out a list of all possible advertisers. If the Council adopted his scheme he would personally do all he possibly could to help the Registrar to make the undertaking a success.

Dr. McWalter seconded the motion. He thought the time had come when they ought to try to do something to help the funds of the Society. It did not pay to be too professional in these days. There were advertisements in the Calendars of various Universities. There was no reason why the Pharmaceutical Society should not adopt the system.

Mr. Beggs considered that something on the lines suggested would be advisable in order to reduce the cost of the Calendar to the Society. The time had come when they must look on these things in a different light from that in which they regarded them years ago. He would be very glad if they could in any way reduce the cost of their Calendar so that it would not be such an enormous burden on the Society.

Mr. Blair thought they were very much indebted to Dr. Barnes for so persistently bringing this matter forward. These were times when they were all thinking of effecting economies; and if they could get their Calendar free of cost, or nearly so, it would be a great saving to the Society.

Mr. A. Owen Wells asked what number of Calendars were published every year?

The Registrar: Six hundred at present.

Mr. A. Owen Wells thought the project, if tried, would be an absolute failure.

Mr. W. F. Wells said he had consistently opposed this proposal every time it had been brought before the Council. He was more convinced than ever, having heard Dr. Barnes' statement, that it would be a mistake to do what was suggested. On previous occasions Dr. Barnes wanted to have the advertisements censored, and he (Mr. Wells) thought he was right in that. It would be a monstrous thing that they as a professional body should have advertisements in their Calendar of such matters as pills at a penny a box. If they once started they could not draw the line. A Society like theirs ought not go in for the trade side of their profession. One way of increasing their funds would be to increase their examination fees. The English Society had done so. He hoped the Council would not pass this resolution.

Mr. McLean Lee supported Dr. Barnes' proposal. It would be necessary for them, he said, to increase th income; and he thought they could increase it in the v proposed without any loss of dignity. The great bo of the men who got the Calendar were living by tra and so long as they were making their living hones and cleanly there was no loss of dignity. People wo not advertise unless they allowed them to publish th prices; and he would accept clean, honest advertiseme from any person and allow them to publish their pru If they went about the matter in the right way t would have the Calendar published without any cost the Society.

Dr. Walsh proposed as an amendment that the ma be referred to the House Committee for further inve gation. He was not against the idea of advertiseme But he did not think it would be worth while depart from their practice for the sake of the little they wo realise by them. They should refer the matter to House Committee to consider what they would cha for a page and how much each page would cost to pr

Mr. Smith seconded the amendment.

Dr. Barnes expressed himself perfectly agreeable referring the matter to the House Committee. He h he had been in every big town in the United Kingd and in the public libraries of nineteen out of twe of them the Calendar was on the shelf in the pu reading-room. That was a proof of the circulation of Calendar among the laity; and he thought it was hig undesirable that wholesale prices and terms should c before them.

Mr. Hanna said he would like very strongly encourage the Council to adopt Dr. Barnes' propo If they got a few pages of advertisements for Calendar next year the advertising would, he belie grow enormously. An association with which he connected printed about 450 copies of a publica (The Dublin and Provincial Retail Drug Associati Price List), and there is no reason why the Pha ceutical Society should not get advertisements from sources Dr. Barnes had mentioned.

The matter was referred to the House Committee.

Business Changes.

Mr. B. Holden, chemist and druggist, has re-purch his old premises in Victoria Street, Blackburn, from H Pharmacies, Ltd.

A. Rowland & Sons, proprietors of Rowland's Mac Oil, Kalydor, and Odonto, have removed to 112 Guil Street, Gray's Inn Road, London, W.C. 1.

Mr. A. C. Roskrow, M.B.E., chemist and drug has purchased the business of Mr. C. H. Tracy, che and druggist, 103 Speldhurst Road, Bedford Park, Lon W. 4.

Mr. T. Haslam, chemist and druggist, late manag the Victoria Street business of Hall's Pharmacies, Blackburn, has opened in business on his own accou Bolton Road.

Mr. H. Oakley, chemist and druggist, has acquire business of Mr. S. Phillips, Ph.C., Lichfield St Wolverhampton. Mr. Oakley qualified in 1911, and recently been at Smethwick.

Mr. M. A. Simmons, chemist and druggist, has p chased the business of Mr. D. S. Anderson, chemist druggist, Leyland, who has retired. Mr. Simmons fied in 1910, and has recently been at Preston.

Mr. Samuel T. Treharne, chemist and druggist taken over the business of Mr. E. H. Griffiths, ch and druggist, Dunraven Place, Bridgend. Mr. Tre served with the R.A.M.C., in West Africa and Me tamia, during the late war.

Romariz & Pistacchini, Limitada, importers an porters, Lisbon, and Portugal House, 1 and 2 Po London, E.C.2, inform us that the business of A. Ro of Oporto, has been amalgamated with theirs, and the style of the firm continues as hitherto. The con have opened a branch in Barcelona.

London Chamber of Commerce.

; thirty-eighth annual report of the Council of the don Chamber of Commerce was submitted to the ual meeting of the members held on April 28, at ners' Hall, London, E.C. The report of the Manu- urers' Section stated that the Chamber continued, as revious years, its action in the direction of obtaining guards against the improper use of the valuable infor- on obtained by Government Departments. Resolutions he meetings of the Association of British Chambers Commerce on this subject were supported, and the stry of Munitions, in a reply to representations, under- that full consideration would be given to all sug- ons put forward by persons and firms interested. portion of the annual report devoted to the work of Owners of Proprietary Articles Section, of which Mr. I. Woodward is chairman, stated that correspondence place with the British Chambers of Commerce in ril and with the Board of Trade, in which the strong tion of members of the Section to the disclosure or sit of formulas was emphasised. A communication eceived from the Proprietary Articles Trade Associa- of Canada giving information as to certain provisions e Canadian Bill to amend the Proprietary or Patent cines Act, which would necessitate the disclosure of ulas of proprietary or patent medicines. The Special nittee took legal advice on the matter, and communi- its objections to the measure through its representa- in Canada. Subsequent correspondence received Canada satisfied the Committee that the Bill had amended. Representations had been made to the rts Consultative Council calling attention to the im- bility of obtaining from British manufacturers a ffient quantity of bottles or containers for the use of ers, and urging that the restrictions upon the im- ion of those articles should be modified or removed. as subsequently notified that glassware, including s and containers, would be admitted at the rate of cent. of 1913 imports. The interests of members of Perfumery Manufacturers' Section were seriously iced by various Japanese imitations of British per- y articles, both in form, shape, and label, which been placed on the market. Strong representations en made to the Japanese authorities. A deputation aited upon H.M. Customs and Excise Authorities w of the Budget proposal to place the increased tax upon spirit, and a petition was presented urging he trade of perfumery manufacturing should be upon the same footing as that of the manufacture gs. Subsequently a letter was received from H.M. ns and Excise to the effect that, having carefully ered the petition, they were of opinion that a rebate t justified. At the annual meeting of the Section ugene V. Barrett intimated his intention of retiring he chairmanship of the Section, which he had held ts inception, and an illuminated vote of thanks was ted to him for his valuable services as chairman the past fifteen years. Mr. T. Exton Gardner ey & Co., Ltd.) was appointed to succeed him. egard to the Imports and Exports Regulation Bill, considered that if the measure became law it would ly prejudice the perfumery trade in view of the at synthetics were included in the list of articles portation of which could, on an order being made Board of Trade, be prohibited. The soap manu- rs intimated their desire to co-operate with the in any action which they might take to obtain the n of synthetic perfumes from the schedule of articles portation of which could be prohibited

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A DSER.—A Midlands contributor quotes the follow- stion as having been submitted to an analyst: Wh quantity of common salt may be present in a g-water before the public could detect it?" It er reminiscent of Sir Thomas Browne's "What e sirens sang."

Coming Events.

Friday, April 30.

Sheffield Pharmaceutical Students' Association, Wentworth Café. Dr. Balfour McKean on "Serums and Vaccines."

Monday, May 3.

Society of Chemical Industry, London Section, Burlington ton House Piccadilly, London, W., at 8 P.M. Messrs. F. G. Donnan, F.R.S., and J. Orme Mason on "The Theory of Gas Scrubbing Towers with Internal Packing"; Messrs. P. F. Frankland, F.R.S., and A. F. Garner on "The Preparation of Picryl Chloride"; and Miss Webster, Messrs. P. F. Frankland, F.R.S., and F. Challenger on "The Preparation of Thiocarbonyl Tetrachloride."

Wednesday, May 5.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council meeting.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 P.M. C. E. Kenneth Mees, D.Sc., on "A Photographic Research Laboratory."

County of Surrey Association of Pharmacists, Masonic Hall, Woking. Mr. Deakin, Chairman of the Local Associations Executive, on "The Need of Unity and Organisation." Tea (tickets 1s. 6d. each) after meeting.

Thursday, May 6.

The Chemical Society, Burlington House, Piccadilly, London, W. 1, at 8 P.M. Papers on "The Mustard-gas Problem," by G. M. Bennett; "A New Method of Preparing Muconic Acid," by C. K. Ingold; "The Dinitration of *m*-Acetotoluidine," by J. W. Cook and O. L. Brady; "A New Ozoniser," by Y. Venkataramayya and M. V. Narasimhaswamy; "Orthochlorodinitrotoluenes, Part I.," by G. T. Morgan and H. D. K. Drew.

Friday, May 7.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W. 1, at 9 P.M. The Right Hon. Lord Rayleigh, F.R.S., on "The Blue Sky and the Optical Properties of Air."

National Union of Manufacturers (Incorporated), Guildhall, London, E.C., at 2.30 P.M. Conference of manufacturers.

Sunday, May 9.

National Association of Pharmacists, Drug and Chemical Workers, Anderton's Hotel, Fleet Street, London, E.C., at 3.30 P.M. Meeting in support of employé candidates for the Pharmaceutical Council.

British Optical Association.—The lecture on "Injuries and Diseases of the Interior of the Eye found in Soldiers on Active Service," by Dr. Margaret Dobson, M.B., arranged for May 5, has been postponed until June 2.

Society of Chemical Industry.

The Chemical Engineering Group of the Society of Chemical Industry held the third conference of the Group since its inauguration in 1919 on April 23 at the University, Edmund Street, Birmingham. The subject for discussion was *Labour-saving Devices in Chemical Works*, and seven papers were contributed, three at the afternoon session, when Mr. E. G. Hunt (Chance & Hunt, Ltd.) presided, and four at the evening session, when Mr. C. A. Smith (Danks & Co., Oldbury) was chairman. One of the papers, entitled *Pneumatic Conveying of Coal and Similar Substances*, given by Mr. H. J. H. King, described a pneumatic coal-hauling (suction) plant installed at Boots Ltd., Chemical Works, Nottingham. Another interesting communication was that of Mr. H. F. Broadhurst (Alison Broadhurst Machine Co., London), describing *Automatic Filling Machines for Liquids*. A feature of the proceedings was the provision of printed slips for use by those wishing to take part in the discussion which followed each paper, spaces being left for the name, address, profession, and name of the firm. The slips were transmitted to the chairman, who called upon the speakers in the order which he considered best. There was a large and influential audience present. On Saturday morning (April 24) a party was conducted over some of the works of the B.S.A. Co., Ltd., Small Heath.

Seaweed as a Cattle Food.—The composition of a new food for cattle, based on seaweed, is found on analysis to be as follows: Protein, 13.12 per cent.; fat, 1.07 per cent.; digestible carbohydrates, 66.76 per cent.; cellulose, 9 per cent.; mineral salts, 5.03 per cent.; water. 5 per cent. The process of preparation is understood to be of Danish origin.

Births.

Baynes.—At 29 Cotham Road, Bristol, on April 21, the wife of Edward S. Baynes, M.P.S., of a daughter.

Pearce.—At "Cotswold," Torquay Road, Paignton, on April 18, the wife of S. L. Pearce, chemist and druggist (the Victoria Drug Co.), of a son.

Warner.—At Wolverhampton, on April 20, the wife of H. L. Warner, chemist and druggist, Chapel Ash, of a daughter.

Marriages.

Fulford—Size.—At All Saints' Church, Margaret Street, London, W. 1, on April 20, Jack H. Fulford, a director of C. E. Fulford, Ltd., manufacturing chemists, Carlton Hill, Leeds, to Renée L. Size, Harrogate.

Metcalfe—Drury.—At St. Matthew's Church, Hull, on April 22, Arthur Pollard Metcalfe, Ph.C. (Metcalfe & Son, chemists, 10 Whitefriargate), to Amy Gertrude Drury, Windermere.

Deaths.

Berry.—At 7 Hampton Park, Clifton, Bristol, on April 11, Mr. William Berry, chemist and druggist, aged eighty-seven.

Cowie.—At 8 East Claremont Street, Edinburgh, on April 25, Mr. William Beaverly Cowie, F.C.S., Ph.C. (William B. Cowie & Co., Ltd., manufacturing chemists, 26 Clyde Street). Mr. Cowie passed the Qualifying examination in 1889, and the Major examination two years later. He established soon afterwards the Central School of Pharmacy in Clyde Street, and successfully carried it on until 1915, when he disposed of it to Mr. A. A. W. Cuthbertson, Ph.C. In the same year his business in pharmaceutical products was converted into a limited company, the first directors being Mr. Cowie, Mr. A. Mackenzie, and Mr. G. Palfrey. Mr. Cowie was the author of numerous scientific papers presented at meetings of the British Pharmaceutical Conference and of the North British branch of the Pharmaceutical Society. In some of these—for example, those on cacao butter and jalap resin—he was assisted by the late Captain B. M. Brander, Ph.C., who for a time was his assistant in the school of pharmacy. Mr. Cowie's death was quite unexpected, and is attributed to an alleged assault committed at his business premises. The tragic event will be felt as a shock by chemists in many parts of the world, for Mr. Cowie was a singularly painstaking teacher, and the number of chemists who have been trained by him must be considerable.



Mr. W. B. Cowie, F.C.S., Ph.C.

Evans.—At St. Anne's-on-the-Sea, recently, Mr. Thomas Evans, chemist and druggist, 7 Whit Lane, Pendleton, Manchester. Mr. Evans, who qualified in 1871, died rather suddenly while on a visit to his son. The funeral took place at Kersal Cemetery on April 19.

Fleming.—At the Limes, Eyke, recently, the mother of Mr. Samuel Fleming, Ph.C., 81 Duncairn Gardens, Belfast.

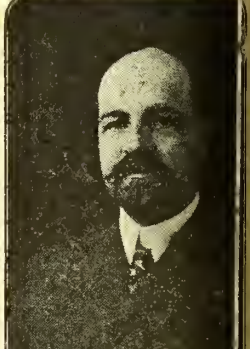
Grimwade.—At Queen's Hotel, Upper Norwood, London, S.E., on April 25, Emily Grimwade, widow of the late Mr. Edward William Grimwade, J.P. (Grimwade, Ridley & Co.), aged eighty.

Hartle.—At Paradwys Hill Terrace, Llandudno, on April 22, after a long and painful illness, Mr. Walter Hartle, retired chemist and druggist, late of Snow Hill, Shelton, Stoke-on-Trent, aged seventy-four. Mr. Hartle, who was in business before August 1, 1868, was at one time a councillor of the borough of Hanley.

Hoffmann.—As briefly recorded in our last issue (p. 89), Mr. Frederick Hoffmann, chairman of the Hoffmann-La Roche Chemical Works, Ltd., Basle and London, died at Basle on April 18. Mr. Hoffmann was born October 24, 1868. He was educated in Basle, and served his apprenticeship there with Bohny, Hollinger & Co. After gaining further experience in London and in Hamburg, Mr. Hoffmann returned to Basle, and became manager of the firm in which he had served his apprenticeship. At the early age of twenty-six he founded the firm of F. Hoffmann-La Roche & Co. His abilities soon became known in the financial, business, and industrial world, and he was elected on the boards of directors of many of the largest undertakings in all parts of the Continent. His original enterprise, however, always occupied the foremost place in his thought, and up to the last he evinced the keenest interest in the house he had founded. Mr. Hoffmann leaves a widow, who nursed him during his last illness with admirable devotion, and two sons. The funeral took place at Basle on April 21, and hundreds of friends and employés attended the memorial service. Among the many floral tributes was a beautiful wreath bearing a large Union Jack ribbon, with the following inscription: "In everlasting memory of our chairman, Mr. Fritz Hoffmann, from the board of directors, the manager, and the staff of the Hoffmann-La Roche Chemical Works, Ltd., London." Speeches were made by Mr. E. Barell, the late Mr. Hoffmann's collaborator and friend for twenty-five years; and Mr. E. Hoffmann, the deceased's eldest son. The London branch was represented by Mr. H. R. Napp. The Basle, Paris, and Milan houses were also represented.

Jackson.—At Stanley Terrace, Preston, recently, Mr. William John Thompson Jackson, chemist and druggist. After qualifying in 1881 Mr. Jackson filled posts in Paris, Rome, South America, and the West Indies. On returning to England he acquired the business of Mr. Scott, Preston, Lancs., and subsequently that of Mr. Sharp, in the same town. He resided for some time at Lytham, where his wide knowledge of men and affairs was appreciated by a large circle of friends. Mr. Jackson is survived by a widow, three sons, and three daughters. The funeral took place at Preston Cemetery on April 22.

Ryan.—At Detroit, Michigan, U.S.A., on April 20, Mr. Frank G. Ryan, president of Parke, Davis & Co., aged fifty-nine. Mr. Ryan, who was born at Marcellus Falls, was apprenticed in the drug-trade in 1876. After gaining further experience in Brown & Dawson's pharmacy in New York, he entered the Philadelphia College of Pharmacy in 1882. He graduated two years later, and became an assistant to the late Professor Remington and a lecturer at the Women's Medical College, Philadelphia. In 1900 he joined the staff of Parke, Davis & Co., and was soon appointed superintendent of the laboratory. On the death of Mr. W. Warren in 1904, Mr. Ryan was elected a member of the board of directors, later becoming vice-president. While in this position he made a trip round the world, and in 1907 passed through London. During his brief visit he was entertained to dinner by a group of leading pharmacologists and pharmacists (*C. & D.*, I., 1907, p. 482). Returning home, Mr. Ryan was elected president of Parke, Davis & Co. in succession to Mr. T. D. Buhl, who had



Mr. Frank G. Ryan.

denly. Mr. Ryan possessed an exceptional knowe of the scientific side of pharmacy, and was roughly acquainted with the practical work of laboratory. He took a high position in pharmaical circles, and for a time was President of Association of Manufacturers of Pharmaceutical Pretions. During the war the authorities at Washington ulted him continually on problems arising in connecwith the drug-trade. He was deservedly popular, in private life he was one of the most genial of comons. Mr. Ryan's wife died a few years ago. He s one daughter.

NOTT.—On April 24, Mr. Henry Archer Knott, ist and druggist, 88 Ashbrook Road, London, N. 19, sixty-three. Prior to opening in business in North lon, Mr. Knott was with the well-known West-End of Godfrey & Cooke. He qualified in 1880.

VIS.—At his residence, Main Street, Skibbereen, ork, recently, Mr. John Edwin Levis, M.P.S.I. Levis, who qualified in 1895, was apparently in his health the day prior to his death.

COLAIDI.—At "Acropolis," Eden Road, Tunbridge s, on April 20, Mr. M. P. Nicolaidi, Levant merchant, Fenchurch Street, London, E.C., and Smyrna, Asia r, aged fifty-six.

ETTY.—At Wimbledon, London, S.W., on April 13, Clement Ennis Pretty, chemist and druggist, aged ty-three.

ERS.—At 24 Millman Street, London, W.C. 1, on 17, Mr. William Spiers, chemist and druggist, aged y.

EPHEN.—At Montrose, recently, Mr. John Stephen, ist and druggist, aged sixty-six. Mr. Stephen d on business for some years in the vicinity of Edin. He had latterly managed the shop of the late . Davidson, High Street, Montrose. He is survived widow.

Personalities.

CHAS. L. HUISKING, 5 Platt Street, New York is in London. He is staying at the Savoy Hotel.

H. MEYNELL, chemist and druggist, Tenterden, has re-elected people's warden of Tenterden Parish h.

T. L. HOLLELY, Ph.C., ex-Mayor of Retford, has elected vice-chairman of the local rural district l.

W. A. MUNN, St. John's, Newfoundland, cod-liver anufacturer, has just completed a visit to this y.

R. BARKER, chemist and druggist, The Cross, y, has been re-elected vicar's warden of Buckley Church.

FERBER (Robert Ferber, Ltd., medicinal-capsule acturers. 104 Oakley Street, London, S.E. 1) sails y 1 for a tour throughout Canada.

WILLIAM A. ROBINSON, secretary of the Air y, has been appointed first secretary of the y of Health, in succession to the late Sir Robert .

W. ARKLE, chemist and druggist, Penny Street, ter, has been re-elected vicar's warden for Christ . Mr. Arkle has been churchwarden for nearly years—a record for the six parishes of Lancaster.

F. HOWARD SWALES, son of Mr. Thomas Swales, ts' sundriesman, Leeds, has entered his father's s on demobilisation. Mr. Swales was second-unt in the Royal Engineers (Signals), and saw ser- the Far East.

NG pharmacists who have been elected churchs recently are Messrs. E. H. Bowdler (St. Mary's), Warner (St. Mark's), and F. A. Willcock (St. t, all of Wolverhampton, and Mr. W. Sleigh, all, Staffordshire.

MR. W. H. SAUNDERS (Ayrton, Saunders & Co., Ltd., Liverpool) writes us a lengthy and interesting letter from Japan, in which he gives us his impressions of that country. Both he and Mrs. Saunders, who hope to be back in London by June, have been met everywhere with charming courtesy.

MR. EDWARD WHITLEY, M.A., Trinity College, Oxford, has offered to his University 10,000*l.* towards the endowment of a professorship of bio-chemistry. The salary will be 400*l.* per annum. The first appointment of a professor, it is provided, shall be made by Mr. Whitley, but shall be subject to the unanimous approval of the Vice-Chancellor, the Regius Professor of Medicine, the Waynflete Professor of Physiology, the Waynflete Professor of Chemistry, and the Professor of Pharmacology.

MR. J. VINCE, chemist and druggist, Lancaster, who recently retired from business (*C. & D.*, February 28, p. 77), served his apprenticeship with the late Mr. William Wearing, whose pharmacy he subsequently acquired. On the disposal of the business of Battersby & Parker, on the opposite side of Cheapside, Mr. Vince crossed the street, thus becoming the occupier of premises of considerable interest. It was here that the late Mr. Stephen Ross, who combined the practice of a pharmacist with that of an analyst, established himself nearly a century ago, and eventually trained more than one pupil destined to distinguish himself in science.

MR. BENSON HARRIES, chemist and druggist, Newport, Mon., has been re-elected to the executive committee of the local chamber of trade. At the annual dinner of the chamber, Mr. Harries, in proposing the toast of "The Mayor and Corporation," suggested that the town council should adopt the principle of the Pharmaceutical Society and present its annual report to a meeting of the ratepayers. Mr. Harries was recently appointed a director of the Royal Gwent Hospital, and, as most pharmacists know, is President of the South Wales and Monmouthshire Federation of Pharmaceutical Associations, and secretary of the Chemists' Dental Society.

Wills.

MR. DAVID HEY, chemist and druggist, Heath Bank, Hebden Bridge, who died on December 18, has left 12,778*l.* 2*s.* 5*d.*, with net personalty 10,555*l.* 12*s.* 3*d.* Among the bequests is one of 100*l.* to the Halifax Royal Infirmary.

MR. FREDERICK ANDREW BODEN BENGER, Linksfield, Vyner Road, Bidston, Birkenhead, a director of Benger's Food, Ltd., Manchester, who died February 13, left estate of the gross value of 8,848*l.* 16*s.* 1*d.*, with net personalty 6,292*l.* 17*s.* 10*d.*

MR. JOHN WEBSTER, chemist and druggist, 11 Cluny Square, Buckie, Banff, who died on November 20, left personal estate in the United Kingdom valued at 7,300*l.* 9*s.* 9*d.*, of which his holding in War Loans, etc., amounts to 2,990*l.*

MR. SAMUEL WILLIAMS, J.P., Ffosyrefail House, Pontardulais, Glamorgan, of the Pontardulais Chemical Co., Ltd., and Bevan & Sons, Ltd., manufacturing chemists, who died on November 8, has left 18,982*l.* 19*s.*, the net personalty being 8,329*l.* 19*s.*

ALDERMAN GEORGE PEARSON, chemist and druggist, Fairholme, Chelston, Torquay, who died on September 2, has left property of the value of 10,027*l.* 8*s.* 8*d.*, the net personalty being 9,388*l.* 15*s.* 2*d.* Probate is granted to his daughters Mary J. B. Pearson and Florence G. S. Brown, South Croydon, and Albert R. Howell, Innerbrook Road, Chelston. The testator leaves the whole of the property in trust for his daughter Mary while a spinster, and subject thereto in trust for his two daughters and son.

THE Bradford and District Pharmacists' Association has arranged to visit Burnsall and Grassington by way of annual outing on June 13.

Trade Notes.

Photographic Advertising Matter is offered by Thomas Waide & Sons, chemists' printers, Leeds.

"Arethusa" Essential Oils, made by Fratelli Jung, are obtainable wholesale from Gerald McDonald & Co., 9 Botolph Lane, London, E.C. 3.

Glass-blowers.—Higgs & Potter, scientific glass workers, Victory Works, Goole, make all kinds of glass-blown chemical apparatus to order.

"Whitephill."—The Whitephill Co., St. Austell, offer this as a good and cheap base for dental creams, powders, etc. The company offer to send samples and prices.

"Wasp" Flyband.—F. W. Hampshire & Co., Ltd., Riverside Works, Derby, in view of the approach of the fly season, call attention to the "Wasp" flyband, and invite application for prices.

Cow and Gate Milk Foods.—New prices and trade terms, from May 1, for "Cow and Gate" Milk Foods, made by the West Surrey Central Dairy Co., Ltd., Guildford, are announced in our advertisement pages.

Laurence's Hair Dye.—C. R. Harker, Stagg & Morgan, Ltd., Devon Wharf, Emmott Street, Mile End, London, E. 1, announce that in future the minimum retail prices of Laurence's hair dye are 1*s.* 9*d.*, 2*s.* 6*d.*, 3*s.* 9*d.*, and 5*s.* Particulars are given in the company's advertisement.

Tin Boxes.—The Stamping and Press Tool Co., Ltd., Oaklands Road, Cricklewood, London, N.W. 2, offer tin boxes for creams, ointments, dentifrices, etc. Plain boxes can be delivered in from two to three weeks, decorated boxes from ten to twelve weeks. We have seen samples of the company's decorated boxes, which show great variety in decoration and style.

Parry's Medicated Confections.—The Parry Pure Drug Co., Ltd., Laurel Works, Garratt Lane, Wandsworth, London, S.W. 18, offer a new line in medicated confections. This is a series of chocolate-coated confections containing various medicaments, examples of which are given in the advertisement in this issue. An order form is given, and, in view of an advertising campaign which is to commence soon, special terms are announced for window-display orders. The confections sell at 2*s.* 6*d.* per box.

Corega is a dental-plate fixative, the British agency for which is held by Thomas Christy & Co., 4, 10, and 12 Old Swan Lane, Upper Thames Street, London, E.C. 4. Corega differs from most dental-plate fixers in not containing tragacanth. It is a buff-coloured powder, packed in small oval tin containers with perforated top. Corega, which sells retail at 1*s.* 9*d.*, 3*s.*, and 5*s.*, is a useful article to introduce to customers who experience difficulties with ill-fitting dentures. It is also used by dentists on bite-plates, trial-plates, etc.

Pears' Developments.—A. & F. Pears, Ltd., 71-75 New Oxford Street, W.C. 1, whose announcement regarding a new advertising campaign in connection with their famous transparent soap was made in the *C. & D.* last week, have arranged to pack the soap in boxes of three, so that it can be offered in a form that will induce customers to purchase a box instead of a single tablet. It is proposed, without extra cost, to fill wholesale orders with a third of the soap packed in this way, but owing to certain economic difficulties the company desire that chemists will give them a free hand as to the proportion sent in this packing. Messrs. Pears have also added a new line of glycerin bottled ready for sale. The glycerin is packed in white octagonal bottles, labelled with directions and a guarantee of quality and wrapped ready for sale. There are two sizes, and each is packed in outers of a dozen.

Imports of German Chemicals to Japan.—A company has been formed in Japan, with a capital of 10,000,000 yen, for importing German chemicals, notably pharmaceutical products and dyes. The direct shipping communication between Hamburg and Japan having been restored, the plans of the new company are considerably facilitated.

Organising the Drug-trade

Drug Union Meetings.

The quarterly meeting of the Scottish Divisional Cou of the Amalgamated Society of Pharmacists, Drug Chemical Workers was held at the Station Hotel, Al deen, recently, Mr. H. R. Nightingale (President) the chair. A resolution was passed urging the Gov ment to set up a Trade Board for the drug-trade Scotland. It was also decided to hold a second meet with the Scottish Pharmaceutical Federation for furt considering the national wage scale.

A joint meeting of the London retail branches of Amalgamated Society of Pharmacists, Drug and Che cal Workers was held on April 25. Mr. Whitehead, ch man of the Pharmaceutical Election Committee, poi out that the candidates nominated by members of union were standing for election as independent ca dates. A resolution was carried condemning the deci of the Pharmaceutical Council to endeavour to see powers to participate in matters pertaining to tr organisations. The Club Committee of the London D sional Council will shortly review the suggestions for proposed club and central meeting-place. The incre cost of organisation was also discussed, and it was agr that all branches be asked to consider the question higher minimum rate in the schedule of contribution

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or hand suppliers of the undermentioned articles will be appreci

B/224. "Vanoric" plaster
S/234. "Bryoline Indigestion Remedy"
E/234. Dr. Valles' antiseptic eye lotion
E/234. Carzine creme
E/234. "Metamaphosa"
E/234. "Balmoral" gloss
E/234. Rhodes' "Healu"
M/274. Sinclair's eye caps
C/274. "Windsor" tooth powder (white and black)
H/244. Jenners' cough lin
M/244. "Antiflatus" pills
S/264. Nurse Harvey's mix
B/274. "Malafoin"
O/234. "Salarina"
B/284. Williams' patent bo brushes
E/234. "E.G.D." brand sod sulphate
A/284. "Creosol" antisep
B/224. "Sidnam" nebulise
CC/284. "Epidor" perfum

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answ The information as to supply will be given to others who se stamped, addressed envelope to the Information Department, Chemist and Druggist, 42 Cannon Street, London, E.C. 4:

Accouchement outfits, B/313
Acetic acid (Canadian manufacturers), C/223
Aethone, E/203
"Akonia," B/263
"Alkymol," L/134
"Amiral" soap, K/113
Ampoule files, M/173
"Anasarcin" tablets, S/144
"Ansonia" nail-clippers, B/104
"Antexema," L/154
"Antidipso," N/153
"Antipon," D/43
Barley's indiarubber nail-brushes, R/134
Bathing-caps, M/153
"Bismag," S/194
Blacklegoids, A/74
Brass oil and paste (for lupus treatment), B/113 and E/233
Brodie's hair-dye, K164
"Bromo" toilet-paper, H/133
Brown's bronchial troches, B/53
Budden's balsam, F/193
Bunter's Nervine, L/133
Cachet machines, A/153
Calcidine, A/124
"Caloris" vacuum flask, L/43
Capsogen wool, B/53
Carnrick's "Hormotone," H/263
Cascarine, E/263
Chloros disinfectant, E/233
"Claxton" ear cap, R/64
"Clytie" hair pad, L/144
Combs, W/174
"Cosmos" sterilising bo H/74
Cremogen, C/113
"Cuprase," B/183
De Jongh's cod-liver oil, T/
De Miracle depilatory, M/
Deschamps' preparations, L
Diuretin, D/113
Dorin preparations, T/193
Dormigene, L/53
Dragons' blood, P/174
Durant's capsules, H/93
"Eclador," B/203
"Electrargol," H/313
Emery boards, W/174
Enesco, LC/173
Enesol, G/93
Eurobin, B/263
Eusalax, M/164
Exalgine, T/293
Fergusson's glycerin b F/193
Fertilisers, B/134
Fischer's bunion protec B/273
"Flying Man" razor bl M/134
Formaldehyde candles, C
Frazer sulphur tablets, K
"Frozoclone," DC/58
Fullers' earth, J/124
Garrod's sulphur lozen K/103
"Gibsol," E/53
"Goco," LC/83
Godfrey's extract elder flo K/144

ervations and Reflections.

By Xrayser II.

Notes on Council Candidates,

and especially the views ve them an opportunity of expressing, will clear a little and enable us to form a list of champions ress. The instalment already given is very help- this end. Messrs. Keith, Fouracre, Antcliffe, and re manifestly on the right side, and so far as iews are concerned there seems little to choose them. Messrs. Fouracre and Todd show unusual i sense in their remarks on the test case, Mr. as already proved himself one of the stalwarts of se, and Mr. Antcliffe is thoroughly sound and courage of his opinions. Messrs. Davis, Hardy, yd appear to be, as regards the great issue, and we have no use for neutrals just now; Mr. les himself out by his defence of the acceptance y-law. It is rather difficult to see why Mr. Body orward at all, and the same remark may be held to the neutrals aforesaid. Of Mr. Body, at any may confidently be said that he is *de trop*. He or precisely what the five retiring supporters of w stand for. In a sense his candidature may be d, since his past services to the craft may lead to g of the reactionary vote. Until your final in- appears judgment must be suspended, but mean- is satisfactory to find so many good men, not art with the old gang, available—if only those who ntly not wanted will have the sense to retire in

therden

thinks me unstable in my judgments be- y vary with varying circumstances; he appears a cast-iron consistency that always says the same hatever happens. In his history "the Whig ould always "get the worst of it"; the character prefers is of the type of Dryden's—

rest to some faint meaning make pretence,
Shadwell never deviates into sense,

s not true even of Shadwell, and would be still Mr. Rowsell. My notes on that gentleman were ed by his action or attitude at the time. When d, I said so; when I did not approve, I said so. least a proof of impartiality, but where does the instability come in? May I recall the occasions?

sell, Vice-President of the Society,

speaking twice s candidature for office at a time of great uncer- t to say a time of crisis), had no constructive r, if the reports of his speeches are to be trusted, that can properly be called a policy of any kind, ate. He confined himself to an approving re- n of the Council's proceedings, to vague expres- pe, and to remarks on trade matters with which il, as such, has nothing to do. Was this coura- Was it forward-looking? Mr. Rowsell, whom I from his public conduct, may be a veritable heart for anything I can say, but he certainly ow it in these speeches. And what about the roughout the by-law agitation last year Mr. od prominently forth in support of the majority, ted that measure admittedly because they durst erwise. He seconded the motion in favour of at the meeting of August 6. This may have geous, but it did not show the kind of courage To return a man, whatever his value, so closely with all we are up against would be to stultify

ommittee on Trusts

under the Profiteering Act. labour and many words, has arrived at the that nothing can be done that was not pro- efore it was appointed. It is something, how- ever, to have the saddle put upon the right horse. The crux of the whole question is the price charged, that is to say the profit made, by the producer. If that can b equitably fixed everything else will arrange itse.f; until it has been fixed there is no way of ensuring equity all round. It is not, therefore, speaking generally, the retailer who is responsible for high prices. This being ascertained, the systematic persecution of the retailer ought to stop.

Ucal,

mentioned in Proverbs xxx. 1, is a rather mythical person; it has, indeed, been held that Ucal here is not a personal name at all, but means simply power or prevalency. There is, of course, no reason why such a name should not be given to a man, and it is undoubtedly a very happy title for the United Chemists' Association, Ltd., whether Agur-Ben-Jakeh had a disciple who bore it or not. The "prophecy" made by Agur to his supposed disciple, and his prayer, are also appropriate to the circumstances of the Association: "Remove from me vanity and lies; give me neither poverty nor riches; feed me with food convenient for me; lest I be full and deny thee . . . or lest I be poor and steal." This *via media* is one with which the pharmacist, whether a Ucalite or not, must needs content himself; he can hardly do better than accept it cheerfully and cut his coat according to his cloth.

Crowner's Quest Law

is proverbially shaky, and coroners by their manners and dicta often abuse their position. Even if what the Deptford coroner said to the mother whose child's death was being inquired into had been demonstrably true, his way of saying it was heartless in the extreme. But was it true? Most chemists in such a neighbourhood as Deptford put up their own teething powders, I suppose; how many of them use antimony? Personally I have never known a man who did. Nor is the demand for teething-powders usually traceable to pamphlets left at the door; they come under precisely the same category as aperient pills, or, for the matter of that, any other domestic remedy of which the public know nothing but its usual effects. It was a pity, no doubt, that the woman did not have advice in a case evidently serious, but it is abominable that an error of judgment like this should subject a bereaved mother to such a bullying as she received.

The Cowslip and the Primrose

are classed together by our old herbalists as petty mulleins, and are usually credited with much the same properties, which, however, the primrose is said to possess in a less degree than the cowslip. The latter was known as *Primula veris major*, the former as *Primula veris minor*. It is therefore with some surprise that I find in a daily paper the primrose charged with being, in contradistinction from its cousin the cowslip, "rather poisonous," on which account, the writer says, it is less in use in rustic cookery. It certainly used not to be so. It is a principal ingredient in a receipt of the fifteenth century for pottage, and Lyte tells us that in his time it, along with the cowslip and oxlip, was "used dayly amongst other pot herbes." Gerard says the root has strong, but safe, emetic properties, but he recommends both flowers and leaves, boiled in wine, as a remedy for all diseases of the lungs, and the juice of the root itself, snuffed up the nose, for megrim. Nowhere indeed but in the paper referred to have I seen any hint of its poisonous quality. What is the fact? The primrose is of all the primulas the chief favourite with our poets, from Chaucer downwards: of modern poets Arnold perhaps gets nearest to the secret of its appeal, in the line

Primroses, orphans of the flowery prime,

but Herrick's is a more intimate tenderness in poems too well known to quote.

EXPORT OF PORTUGUESE OLIVE OIL PROHIBITED.—A Portuguese Decree (No. 6,407) of February 20 prohibits the exportation of olive oil from Portugal, and also the use of such oil in the soap industry.

"SANITAS"
DISINFECTANTS
FLUIDS, POWDERS, SOAPS & FUMIGATORS
Should be stocked by all Chemists.
THE "SANITAS" CO., Ltd., Limehouse, LONDON, E. 14.

TOOTH BRUSHES 20 GROSS. Full-size with Transparent Handles. Good Quality.
Price 75/- gross for the lot, or 81/- for gross lots.
3 dozen at 7/- dozen, cash with order.
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Craven House, Kingsway, LONDON, W.C. 2 Tel.: Gerrard 1774.

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DISTINCTIVELY SHAPED AMPOULES & VIALS
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Editorial Articles.

Elusive Election Issues.

We use the word "elusive" purposely, because attempts that are being made in some quarters t the subject of the "unjust" by-law as an electio To have helped to pass this by-law is certainly recommendation to the members of the Pharma Society to vote for five of the candidates who were sible for the institution of registration by purchas of our subscribers thinks that we should drop the of the apothecaries' assistants by-law and concentr the way it is going to be carried out in order to as many as possible getting the qualification." course is not, however, one that can be followed, having once conceded the principle of registration chase and drawn up by-laws to regulate it, the ap who fulfil the conditions laid down are placed in tion to compel the Pharmaceutical Society to a names to the Register of Chemists and Druggist better policy is surely to ensure that the council have brought about this state of affairs shall vented from repeating their performance. A lesso be given which would not be lost on the unrepentant councillors. The fact is not, we thi ciently realised that there is before the drug- period of great stress by reason of powerful o attacks that are to be made on the rights of c These attacks have been made easier, or even inv the way the principles of the Pharmacy Acts we ficed by the present Council. It is known to m the drug-store proprietors have ready a Pharm proposing to place on the Register of Chemists an gists those men who have served an apprentic a chemist and acquired further experience of t trade. It will be difficult to resist such claims of the registration of apothecaries' assistants, w not necessarily have had any experience at all of t ness of a chemist. Then, again, the Ministry of is known to be drafting a Health Services Bill power will probably be taken to give certificates fication to dispensers of medicine. It is not known, also, that the appointment by the Min Health is imminent of a committee to inquire o qualifications of those who dispense medicines a tise pharmacy. This may mean the admission of flood of dispensers to the Register of Chemists ar gists, a disastrous effect at a time when several t of chemists newly qualified by examination a registered. Who will deny that every care sh taken to ensure that our councillors have sufficie bone to protect the public from unqualified dispen vendors of poisons, and the chemist from the of rights obtained by examination? There are portant matters to come before the new Council the modernising of the Major examination, so diploma conferred may be accepted as the qua for drug analysts and microbiologists. Other su gestions are to be obtained by a study of the

ates' views, which we printed in THE CHEMIST AND IST last week and continue in this number. In- of new blood is sadly needed on the Council, as sent councillors have reached a pitch of self-satis- which is decidedly unhealthy for the drug-trade. timorous we should add that there is no possi- f revolutionary movements, as at the most only new members can be elected on the Council of one. There is no doubt, however, that a leaven new members would transfuse a new spirit into uncil's deliberations. Considerable efforts are, as at the heginning of this article, being made to electors into the belief that the five recalcitant s who seek re-election are not so black as they nted. In this connection the methods of the County Pharmaceutical Association may be given stance of anxiety to cloud the issue. This asso- which hy its constitution should represent all the ons of London, undertook to obtain the opinion onstituent associations and advise members as to ncil candidates who should be supported. As ed last week, tbe decision is to recommend the of the five old members who helped to force the y-law upon chemists. Lest it should be thought s recommendation represents London opinion it e known that the constituents' associations were r their views about the election so long ago that ciation recommended that the candidature of Mr. hould be supported. Mr. Jenkin's resignation ounced about three months ago, and at that association could not possihly know who were e candidates at the May election. Further, the County Pharmaceutical Association made their the day after the April Council meeting of the eutical Society, before the list of candidates had le public. If, however, the executive had before ist of candidates, the committee could not pos- e investigated the claims of the various candi- ore coming to the decision to recommend London incial chemists to support the five retiring coun- hose conduct in the by-law agitation has marked n as undesirable representatives of present-day f the drug-trade. Provincial chemists bave often d that London chemists seek to override them, procedure as that adopted by the London County n gives cause for this resentment. Perhaps the on we have given will be taken into account members who receive circulars from this associa- help tbem to apprise the recommendation at its e.

Ministry of Health Inquiry.

uncement is made elsewhere in tbis issue that try of Health has appointed a committee "to nd advise on the legislative and administrative to he taken for the effective control of the nd authenticity of such therapeutic substances sale to the public as cannot be tested adequately chemical means." Tbis committee is apparently under tbe general powers given to the Minister under Section 2 of the Ministry of Health Act, is section gives power to take steps to prepare e the carrying out of measures conducive to of the people, "including measures for the and cure of diseases, the avoidance of fraud ion witb alleged remedies therefor," etc. It sted some time ago to the Ministry of Healtb itisb Medical Association tbat steps sbould be taken to enforce legally the testing of such potent chemical and biological products as salvarsan and neo-salvarsan. From the wording of the terms of reference and from the constitution of the committee we take it that the newly appointed committee is for this purpose. The present position of the sale of Britisb-made salvarsan and neo-salvarsan is that being made under patents, the licences for which are granted by the Board of Trade under Trading with the Enemy legislation, conditions are imposed under the licences that the salvarsan shall he biologically tested before being offered for sale. Tbis has been done up to the present with very satisfactory results in overcoming medical prejudice to British-made salvarsan. Tbe difficulty, however, which has to be faced is tbat some of the patents under which these products are made may expire soon, so that the licence conditions will no longer have effect. The German makers will also he in a position to import salvarsan and neo-salvarsan into this country, and the autborities here will have no power to compel the importers to prove tbat the goods are safe for human use. A curious fact about the appointment of the committee is that in "Tbe Times" the announcement was headed "Control of Patent Medicines," and an abstract was given of the recommendations of the Select Committee on Patent Medicines, which reported in 1914. For the reasons we have given we think that "The Times" is wrong in its surmise, as is also the "Westminster Gazette" in its comments to the same effect. At the same time, it is well that the trade should be prepared to hear of furtber developments regarding tbe report of the Select Committee on Patent Medicines in view of the support tbat is given by medical men to tbe findings of the committee. Apart from the not altogether disinterested motives of tbe medical profession there are some laymen who bave the obsession tbat all proprietary medicines are harmful, and are prepared to go to great lengths to push their views on tbe Government. As an example of the intemperate statements which are made about patent medicines the following from the "Medical Press" is bard to beat for inaccuracy.

> In my last letter I stated the fact, easily verifiable, that the great majority of fraudulent medicine vendors lie within reach of the law; and that they remain immune solely because of the lack of an organised department—a public prosecutor—charged with the duty of dealing with this class of malefactors. The criminal character of their trade was first fully demonstrated by the British Medical Association in the long series of articles in their journal. In these the analyses of secret remedies were given together with advertisements in which their claims were set forth. . . . [The analysts] had examined many scores of quack medicines, and in no instance was discovered any therapeutical substance of real potency in the diseases for which it was vaunted as a cure. They were all worthless trash, of only nominal intrinsic value. With one exception no owner of a remedy ventured to dispute these facts; and the exceptional person succeeded only in getting an adverse verdict in a law suit against the B.M.A.

It happens that the analyses were challenged in several cases during the course of the Parliamentary inquiry, and the Government chemist gave evidence that in many instances it is impossible to analyse successfully proprietary medicines. An interesting case occurred in the course of the inquiry, wben tbe analysis of a well-known infants' remedy baffled both the Government analysts and the British Medical Association's analyst.

Amending the Profiteering Act.

So far as tbe retail drug-trade is concerned, the Profiteering Act has turned out to he a ghastly failure, and it was thought now the author of the Act had been "moved on" to Washington tbis failure would have been recognised

by the Government and the Act allowed to die a natural death on May 19. Instead, however, a Bill has been introduced in the House of Commons to extend for one year and to amend the Act, not in the direction of abolishing the many opportunities for injustice which are given, but to give powers to harry retailers still further. Clause 1 gives power for associations to submit to the Board of Trade schemes for fixing reasonable rates of profit, and Clause 2 extends the operation of the Act to letting on hire and repairing, dyeing, cleaning, or washing articles. The well-known sub-section (2) of section 1 of the principal Act dealing with "reasonable profit" is extended as follows :

Provided that the profit sought or obtained shall not for the purposes of this provision be deemed to be unreasonable—

(*a*) in the case of a seller who was in the same way of business before the war, if the rate of net profit obtained does not exceed the rate of net profit obtained by him upon the sale of similar articles under pre-war conditions; and

(*b*) in the case of a seller who was not in the same way of business before the war, if the rate of net profit sought or obtained by him does not exceed the average rate of net profit obtained by sellers in that way of business in the same locality on the sale of similar articles under pre-war conditions.

This proviso shall not apply in any case where the profit in respect of any transaction has been fixed by a scheme approved by the Board of Trade under this Act.

A startling innovation in legislation is contained in Clause 8 as follows :

If any person against whom a complaint has been made under the principal Act unreasonably refuses to sell or to offer for sale to the complainant any article which is exposed or offered by him for sale, and to which section one of the principal Act has been applied by order of the Board of Trade, he shall, on conviction by a court of summary jurisdiction, be liable to the like penalties as in the case of failure to comply with an order under section one of the principal Act: Provided that such refusal shall not be deemed to be unreasonable if he was not previously in the habit of selling articles of the class in question to the complainant.

This is the first time that the law has sought to compel a tradesman to sell goods to a person who demands to purchase. Innkeepers are compelled to serve customers and apothecaries are bound to dispense physicians' prescriptions, but these enactments are in return for valuable privileges. Now it appears that the cantankerous person who, imagining that he has been overcharged a penny or twopence on a purchase, has caused the tradesman and the country heavy expense in adjudicating on his case, is to be allowed further to browbeat a tradesman who would rather that such unwelcome customers ceased to frequent his shop. This is a monstrous provision which ought never to be allowed to become law. The country seems, however, to have got into the habit of tolerating "Ministries of Superfluities," as "Punch" calls them, or it would see that some of these regiments of Civil servants were cashiered. It would certainly benefit the national finances in the direction of economy—sadly needed at the present time in Government departments.

The Excess Profits Duty.

Substantial progress has already been made with the Budget resolutions, and there is every indication that the Chancellor's proposals will be adopted without any material alteration. We think that is a pity, for in one respect at least the attitude taken up by the Chancellor has little that can be said in its support. We refer to his persistence in retaining the excess profits tax in the face of the weighty economic arguments which can be urged against it, and in view of his own admission of [illegible] fensibility made when introducing last year's [illegible] After making every allowance for the fact that [illegible] ing of the prices of commodities which it was [illegible] would follow from the lowering of the rate of [illegible] last year did not take place, the overwhelming [illegible] the reasons which can be urged against the tax [illegible] have prevailed and led to its being dropped once [illegible] The slightest consideration of the subject will [illegible] the duty necessarily leads to extravagance in the [illegible] of a business the profits of which are to be asse[illegible] the tax. Is it to be supposed for a moment [illegible] management of a business will strive to conduct [illegible] ness with the regard for economy that it otherwi[illegible] when 60 or 80 per cent. of the expense extra [illegible] incurred has to be borne by the Treasury becaus[illegible] tax? Then apart from this factor of general [illegible] unsoundness, there is the effect which the tax m[illegible] duce in cramping the enterprise of traders, many [illegible] are returning from Service and are trying to reb[illegible] develop businesses which their absence on Service [illegible] derelict. It shows but a poor appreciation of t[illegible] they have done for the country that the Cha[illegible] Budgetary measures should be such as to put di[illegible] in the way of their re-establishing themselves in c[illegible] We are not sure that the strength of the Cha[illegible] position in defending the tax does not reside c[illegible] the political cowardice of those who oppose it. E[illegible] of labour have no great reluctance to grant a de[illegible] workmen for increased wages when in fact a la[illegible] centage of the cost of the increase would othe[illegible] into the Treasury, and it is felt that certain opp[illegible] attaches to anyone who is opposed to the dem[illegible] labour being met. It would be well if everyone co[illegible] in mind, and if those responsible for the dire[illegible] public thought would have the courage to maint[illegible] fact that high wages do not necessarily mean i[illegible] prosperity for those who receive them. The pu[illegible] power of wages is after all the crucial test of the[illegible] and if this power is proportionately lowered by [illegible] in prices the rise in wages is only nominal. At t[illegible] time its effect in disturbing the market is wholly [illegible] We are suffering at the present time from an inc[illegible] inflated prices the origin of which could, we beli[illegible] traced to the orgy of wild extravagance which sup[illegible] on the war. Anything which can help to put a [illegible] this extravagance ought to be favoured, and we [illegible] would be difficult to devise a fiscal expedient less l[illegible] repress extravagance than the excess profits dut[illegible] therefore naturally regret that the Chancellor per[illegible] retaining it.

Sugar Prices.

On p. 99 of last week's issue we gave particulars [illegible] new advance in sugar prices, from which it will [illegible] that the manufacturer of preparations containin[illegible] has to pay 70*s.* per cwt. more for his sugar than th[illegible] and householder—*i.e.*, he has now to pay 150*s.* pe[illegible] or an advance of 36*s.*, whereas the grocer and hous[illegible] are not called upon at present to pay any more, ex[illegible] the case of castor, icing, and pulverised, which ha[illegible] raised 2*s.* per cwt. to the former and ¼*d.* per lb. [illegible] public. This fact has not hitherto been sufficiently [illegible] ciated by the retail pharmacist, and should dis[illegible] any suggestion of profiteering by the wholesaler [illegible] have charged more for syrups and other preparatio[illegible] taining sugar. The position in regard to sugar s[illegible] generally is still very stringent, and the Sugar Com[illegible]

lers it advisable to warn manufacturers that is no prospect of any change in the present basis tment. The price of sugar is to be revised at the ing of each four-weekly period, and judging from look it appears to be only a question of time before criptions are again advanced. There is an extra- ry demand for sugar in the United States, con- on having grown to such an extent that all ceived ideas as to the various requirements different chief consuming countries during the season have proved erroneous. In fact, the large ost unusual purchases of Java sugar which have y been made for use in America are said to repre- he important diversion of 100,000 tons from the arkets. The now reduced expectations of the Cuban ppear likely to be verified, judging by the weekly s and the falling-off in the number of centrals at hen compared with last year, while the stock in the is much smaller than at this period of the two ng "record" crops. With respect to the United m position, and judging by the official figures for th of March, which are now available, the stocks l and imports both show some reduction, with a ncrease in consumption.

German Reparation Chemicals

issue of April 3 we published a list of the stocks man pharmaceutical chemicals on which the Allies option under the Peace Treaty. Little interest, , has been shown in this matter, and there appears been no keen desire among the large distributors themselves of the offer. This being so, the f Trade, acting on the advice of the Ministry lth, have decided not to exercise their option on ks of such products so far as this country is d. The Board of Trade, however, reserve their der the Treaty to exercise their option on a por- he current output in Germany, and for this pur- careful record of the production is being kept llies, and should there be a scarcity at any time articular chemical it can then be obtained. France lly, it is understood, will receive their quota of ration products, and the United States, although ing ratified the Treaty, will see that she has e. That country has already received supplies of n dyestuffs from Germany, and it is quite under- at State Department officials are in favour of exercising her option on reparation drugs. ed be no cause for regret at the British refusal, of the products, as previously pointed out, are in this country, and British fine-chemical makers ply everything that is wanted. Moreover, the ion of reparation dyes has caused considerable nd annoyance owing to the small quantities avail- it it is unnecessary to undergo the same experience aration chemicals.

The Special Industries Bill.

dverse majority of one the House of Lords on threw out Lord Balfour of Burleigh's Protection l Industries Bill, and thus the hope of any anti- legislation is blighted for the remainder of this It is true that the Government have in pre- a Bill of their own to deal with so-called "key" s, and it will be introduced to the House of on the first opportunity. Meanwhile the imports aceutical chemicals, which legislation proposed ect," is growing considerably, and importers are vantage of the position while they may. Some his aspect of the subject is shown by the figures ports into Great Britain during the first quarter ear. It is interesting to note that during the on the rejected Bill, Lord Balfour and the ncellor had to admit that in the existing con- here is no need for a measure to check dumping or to protect pivotal industries, but their argument is that it is nevertheless necessary to provide against future perils. Therefore, urged its sponsors, now is a convenient time for anti-dumping legislation, as the proposals would not arouse the susceptibilities of other countries. The scope of the Bill has already been explained in the *C. & D.*, but it may be recalled that included in the particular industries to be protected from foreign competition are "synthetic dyes and drugs," that delightfully vague term which has never been nor ever will be satisfactorily defined. As to "dumped goods," it was proposed to give power to the Board of Trade to prohibit their importation, such goods being described as offered for sale in the United Kingdom at prices less than are charged for the same class of goods in the country of origin. Lord Emmott's experience at the War Trade Department has not inspired him with any confidence in bureaucratic control, and he severely condemned the proposal that a Government Department should have absolute power to prohibit imports.

Pharmaceutical Society of Great Britain.

North British Executive.

A MEETING of the Executive of the North British Branch was held at 36 York Place, Edinburgh, on April 14, Mr. James Jack in the chair. There were also present Messrs. Arthur, Cowie, Craig, A. Currie, Forbes, Gilmour, Guthrie, Jack, Kitchin, McKenzie, McNab, McVitae, Meldrum, and Murray. Apologies for absence were received from Messrs. Currie, Glass, and McMillan.

RESIGNATION OF MR. W. W. BROWN.

A letter was submitted from Mr. W. W. Brown, Edinburgh, intimating his resignation on the grounds of ill-health. The chairman said they all sympathised with Mr. Brown. He proposed that Mr. Brown remain a member of the Executive till the end of the year for which he had been elected.

OTHER MATTERS.

It was reported that there had been received from the Ministry of Labour a draft Order made in pursuance of Section 1 of the Trade Boards Act, 1918, with respect to the grocery and provisions trade. (See *C. & D.*, March 13, p. 62.)

The War Emergencies (Continuance) Act was discussed, and Mr. Arthur said he had received complaints in Glasgow as to medical practitioners failing to write prescriptions for cocaine in the manner specified in Regulation 40B. His Association had communicated with the secretary of the British Medical Association, who had agreed to send a circular to all doctors, drawing attention to the terms of the regulations.

It was reported that Mr. Andrew Craig, divisional secretary, North Aberdeen, had resigned his position on the grounds of ill-health. Mr. Charles Simpson had been nominated and had agreed to accept office.

It was agreed: "That the next election of the Executive take place on Wednesday, June 16, 1920, and that the chairman and vice-chairman be elected scrutineers of the voting-papers, with power to add to their number."

The resident secretary reported that he had attended the first meeting of the Consultative Council on Medical and Allied Services appointed by the Scottish Board of Health.

It was announced that a further sum of 75*l.* 12*s.* had been remitted to London for the War Auxiliary Benevolent Fund, making a total of 1,533*l.* 18*s.*

The arrangements for examinations in July were considered, and it was intimated that the Board of Examiners had appointed a committee, consisting of the chairman (Mr. J. Innes Fraser), Professor Boon, Dr. Smith, and Mr. T. Stephenson, to co-operate with the Examinations Committee. The Executive also discussed examination regulations, training institutions, and the draft annual report to the Council.

British Pharmaceutical Conference.

Executive Committee.

A meeting of the Executive Committee was held at 16 Bloomsbury Square, London, on April 21, the President (Mr. C. A. Hill) in the chair. There were also present: Messrs. E. Saville Peck and F. Ransom (Vice-Presidents), C. T. Bennett, E. T. Brewis, C. E. Corfield, and F. W. Gamble, with R. R. Bennett and C. H. Hampshire (hon. secretaries).

Local corresponding secretaries for various centres were re-elected, and it was arranged that the honorary general secretaries should communicate with members in other centres with a view of extending the number of local secretaries.

A sub-committee, consisting of the President, the treasurer, Mr. F. Ransom, Mr. A. R. Melhuish, and the hon. secretaries was elected to make a report to the executive upon the nomination of officers for election at the annual general meeting.

The following forty-nine new members were elected: Mr. J. Bain (Liverpool), Mr. E. R. Banner (Liverpool), Mr. T. H. Corlett (Liverpool), Mr. E. B. Davies (Liverpool), Mr. T. Davies (Manchester), Mr. A. G. Duckers (Liverpool), Mr. F. W. Dyke (Liverpool), Miss L. B. Gardner (Liverpool), Mr. W. Garrow (Liverpool), Mr. G. E. Gillard (Birkenhead) Mr. J. Gilmour (Manchester), Mr. F. L. Gutteridge (Gt. Meols), Mr. W. Harper (Liverpool), Mr. J. McCaig (Wallasey), Lt.-Col. G. M. McLoughlin (Liverpool), Mr. W. H. Nall (Liverpool), Mr. G. F. Nicholson (Liverpool), Mr. P. S. Robbins (Wallasey), Mr. N. W. Rutter (Liverpool), Miss W. J. Scott (Liverpool), Mr. C. E. J. Sendall (Liverpool), Mr. H. P. Shilston (Wallasey), Mr. G. M. Sleggs (Liverpool), Mr. J. M. Tallantyre (Liverpool), Mr. J. H. Tinnion (Liverpool), Mr. W. J. Williams (Liverpool), Mr. F. Wokes (Liverpool), Mr. H. M. Wood (Bootle), Mr. D. McGahie (Dublin), Mr. T. W. Fletcher (Liverpool), Mr. A. J. Jones (Liverpool), Mr. J. McInroy (Liverpool), Mr. T. Ashworth (Liverpool), Mr. J. Duncan (Liverpool), Mr. H. Nixon (Liverpool), Mr. R. S. Paterson (Liverpool), Mr. J. H. Robinson (Liverpool), Mr. D. Tallantyre (Liverpool), Mr. G. R. Tharratt (Liverpool), Mr. J. G. Wallbridge (Liverpool), Mr. S. Greenberg (London), Mr. G. E. G. Hawker (Twickenham), Mr. T. Whitmore Peck (Birmingham), Mr. F. H. Carr (London), Mr. A. B. Searle (Sheffield), Mr. W. T. Sivertson (Swansea), Mr. C. J. Stuart (Paisley), Mr. C. F. Walker (Manchester), and Mr. J. H. Leach (Northampton).

Local Committee.

A meeting of the Local Executive Committee was held in Liverpool on April 21, at which Mr. William P. Evans, J.P., presided, when reports were submitted by the various sub-committees showing that arrangements for a successful conference are well in hand. The programme arranged by the Ladies' Committee for Conference week includes visits to the Liverpool Cathedral, St. George's Hall, Calderstones Park, and Southport, the pharmacists of Southport having invited the visitors to take tea with them. By permission of the Cunard Co. a visit will be made to one of the large liners, when refreshments will be provided at the invitation of the company. The Committee also hope to be able to arrange for light refreshments each morning at the Royal Institution.

It has been proposed that at the Practice Section Meetings short papers shall be read by representatives of Liverpool, Bootle, Birkenhead, Wallasey, and Southport on topical items dealing with the purely commercial aspect of pharmacy.

An interesting day's programme of golf has also been arranged, prizes in connection with which are being presented by Mr. C. A. Hill, President of the Conference, and Mr. William P. Evans, Chairman of the Local Committee.

The hon. treasurer reported a good response to the appeal for funds which had been made, but pointed out that in view of increased values, much more money was yet needed to carry out the arrangements necessary for a successful gathering. A feature of the Conference will be a Choral Service at the Liverpool Cathedral on the Tuesday morning prior to the commencement of the business meetings of the Conference.

A handbook is to be issued, comprising a guide to Liverpool with maps, and also a guide and map dealing with the motor-trip to Bettws-y-coed. This excursion, which passes through some of the finest scenery in the kingdom, promises to be a huge success, as no effort has been spared to ensure the comfort of visitors.

Other prominent features of the Conference will be a reception by the Lord Mayor at the Town Hall, and a sail on the river Mersey by invitation of the White Star Line, refreshments being provided on board the steamer.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative

Table-waters Duty.

Brigadier-General Surtees, on April 26, asked the Chancellor of the Exchequer if his attention has been called to the fact that the tax on mineral-waters is excessively heavy, and is greater in proportion than the tax on spirits or beer, as, for instance, a tax of 25*s.* per cwt. is levied on sugar and 50*s.* per proof gallon on essences and essential oils; and whether, in view of the fact that the summer months are approaching and that the consumption of sweetened table-waters is in no sense inimical to the public morals or health, he can see his way to such reductions as will make them more accessible to the masses of the people.

Mr. Chamberlain replied: I have received representations on the subject of the duties on table-waters, but I can hold out no prospect that they will be reduced.

Rent Restriction Acts.

Lieutenant-Colonel D. White, on April 22, asked the Prime Minister whether he will bring in legislation at an early date to set up arbitration courts to deal with the cases of tenants of shop and business premises who may be given notice to quit owing to the premises being sold or let at a higher rental over their heads, and whether he is aware that in many such cases it is impossible for the tenant concerned to find other premises or to so raise his sale prices as to recoup himself for the largely increased rental.

Mr. Bonar Law, who replied, said: This subject, which is a very complicated one, is being considered by the Government, but I am not in a position to make any statement.

Lieutenant-Colonel White: Is the right hon. gentleman aware that there are many cases of multiple shops and buying up premises, and the grievance is that the displaced cannot obtain any other premises?

Mr. Bonar Law: Yes, I am aware of it. I have had several deputations, but it is difficult to find a remedy. The question is being considered.

The French Resident-General of Morocco reports that in 1918 Casablanca imported nearly 3,800 tons of chemicals. The largest item appears to be raw material for native soap-makers, potash, carbonate of potash, and caustic soda. In 1913 this totalled 9 tons, and was mostly in German and Belgian hands. Makers imports tartaric acid, sulphates of copper and iron, aniline dyes and soda; Mogador, sulphuric acid, chloride of lime, sulphates of copper and iron; Safi, potash, alum, arsenic, sulphate of soda, and chloride of ammonium; Fez, Casablanca, Fez, and Meknes buy ammonia, alum, asbestos, benzine, whiting, carbonate of iron, carbolic, chloride of lime, oxygenated water, turpentine, ammonia nitrates, naphthalene, corrosive sublimate, talc, tannic acid, tripoli, sulphates and potash.

Festivities.

Rochdale Assistants' Whist-drive.

THE Rochdale branch of the National Association of Chemists' Assistants held a successful whist-drive and dance recently. The prizes were given by Evans Sons Lescher & Webb, Ltd., Ayrton, Saunders & Co., Ltd., Randall Bros. & Barclay, Ltd., and Mr. Joe Marshall. After an enjoyable supper the rest of the evening was spent in dancing, and a musical programme was contributed. Mr. D. N. Fullerton (general secretary), Manchester, gave a short address. About sixty persons were present, and Mr. Murphy acted as M.C.

Ucal Founder Honoured.

On April 24 the heads of the departments at Ucal, Ltd., Chelsea, gave a complimentary dinner at George's Restaurant to Mr. and Mrs. Harold Miller, and also to Mr. E. S. Hooper. It was a welcome to Mr. Miller, the managing director, on his return from the West Indies, refreshed and invigorated in health, and a farewell to Mr. Hooper, head of the analytical control department, who earlier in the day was presented with a gold wristlet watch on her departure to take up a new sphere of work in London. There was a company of twenty-three present, Captain W. A. Poucher, works manager, presided. After the loyal toast, Captain Poucher proposed the toast of Mr. and Mrs. Miller, which was received with musical honours. In replying to "The Future of Ucal," Mr. Wedtenholme said it was not generally known that Ucal" was an old Hebrew word dating back some 3,000 years, and that its meaning was : "I shall succeed and I shall prevail." Other toasts followed, and during the evening some enjoyable musical items were contributed by members of the company.

Devon Pharmacists' Dinner.

The annual dinner of the Devon Pharmacists' Association and the Exeter Pharmacists' Association was held on April 21 at Exeter. Among those present was Sir William Glyn-Jones, secretary of the Pharmaceutical Society. The Chairman (Mr. P. F. Rowsell, J.P.), in proposing "The Pharmaceutical Society," regretted that they had not been able to get a report on the proposed alteration in the incidence of the patent-medicine duty. The Association of Manufacturers of Patent Medicines had turned down the proposal for a graduated tax, and it was the duty of pharmacists to press for a fair and adequate profit. Sir William Glyn-Jones, replying, spoke on the value of organisation, and said that in the Government Departments, as also in regard to local authorities, pharmacy stood better or higher than at the present moment. Mr. F. T. March proposed "The County and District Association," to which Mr. J. D. Turney replied. "The Visitors" was given by Mr. W. J. Shepperd, Mr. T. Lynch (Exeter city analyst) replying. Mr. Eric Lemmon proposed "The Exeter Association of Pharmacists," and coupled with the toast the name of Mr. W. J. Lake, who responded.

Glasgow Pharmacy Athletic Club.

UNDER the auspices of the Glasgow Pharmacy Athletic Club Musical and Dramatic Section) a successful entertainment was given in the Berkeley Hall before an audience of over 800 on April 20; Mr. George Mackay presided the chair. The musical part of the programme was splendidly carried through under the conductorship of Mr. Robert Dickson, the part-songs, etc., rendered by the choir showing great talent on the part of the singers under skilful training by Mr. Dickson. Miss Rachel S. Grady and Mr. Robert McAdam each contributed solos songs in a manner which left nothing to be desired. Miss Winifred Beatson was an accomplished accompanist, and the readings and recitations of Mr. Sloan were, as usual, delightful. A special feature of the entertainment was the presentation of two sketches by the Dramatic Section, a domestic comedy entitled "Slightly Mixed" and a humorous play in one act. entitled "The Wrong Flat." The artists were Miss Ewing, Miss Hamilton, Miss Hislop, Miss McInnes, Miss Rae, Mr. James Wilson, Mr. George Murray, Mr. John Menzies, and Mr. George Dick, all of whom acquitted themselves in a manner which merited the highest praise. Mr. Donald G. Mackenzie was a most efficient stage-manager. The entertainment was a conspicuous success.

Dinner to Sir Thomas Robinson.

A COMPLIMENTARY dinner was given by the Dublin Retail Chemists' (Employers) Association to the President, Sir Thomas W. Robinson, J.P., on April 22, in the Royal Hibernian Hotel, Dublin. Dr. J. A. Walsh, Ph.C., presided, and over forty attended. A very enjoyable evening was spent, the intervals between the after-dinner speeches being occupied with music, song, and story. The following contributed : Messrs. W. B. Conyngham, Joseph McGrath, A. Owen Wells, D. Nugent, and Sir Thomas Robinson himself. Among those present were Dr. R. S. Conyngham, Captain Dr. McWalter, Dr. McElhinney, Dr. J. A. Mitchell, Messrs. R. Mellon, H. Conyngham, R. J. Savage, R. J. Kidney, Victor E. Hanna, W. F. Wells, W. U. Smith, A. T. Ferrall. The toast of "The King" having been honoured, Dr. Walsh proposed the health of Sir Thomas Robinson in a eulogistic speech, in which he said he might claim that Sir Thomas was the foremost pharmacist in Dublin. The toast was received with enthusiasm, the company singing "For he's a jolly good fellow." Sir Thomas Robinson, in reply, said he felt it was a privilege to have been spared to see that he was appreciated by his fellow-workers in the trade. In a retrospective speech Sir Thomas said that up to the time that the operations of the Dublin Retail Drug Association commenced he well remembered the difficulty of getting men in their trade together to talk over any plans for improving conditions. He was convinced that the merchandising of their business was the end to be looked after. The professional side of the business gave character and reputation of a certain kind, and it was really well worth holding on to. The Employers' Association that they formed in Dublin some time ago was really the offspring of the D.R.D.A., and the formation of that Association had been a most happy and agreeable event. He had been elected as chairman of that Association, he was sure, largely because of the fact that he happened to represent one of the largest firms, but he certainly did not claim, as the chairman had suggested, to be in any way the foremost pharmacist in Dublin. The smallest pharmacist who had recently passed the Licence examination was a better pharmacist than he, though there was a time when he knew a great deal about it. He would always try to foster and promote the good feeling that existed in Dublin at the present moment among the members of their trade. He did not think there was any trade or organisation that had been worked with such complete unanimity and such complete satisfaction as the Dublin Retail Chemists' (Employers) Association. It was a happy thing that the interests of his firm and the interests of the members of the trade generally had now come to be recognised as almost identical. The old feeling that a large number of stores were likely to be detrimental to the trade generally had been proved to be fallacious. Competition created trade, and if men looked after their business they would get their share. The man who grumbled about competition was the man who neglected his affairs, and who was sure to come to the wall. Their relations with the trade in Dublin were extremely happy and comfortable, and he hoped they would remain so for a long time. Dr. McWalter then proposed the toast of "The Dublin Retail Chemists' (Employers) Association." Mr. John Smith, in responding, said if their trade had not been in existence before the recent labour trouble he did not know where it would now be. They had been organised in such a way that they had been prepared to meet trouble, and in that way they had certainly found the Association most advantageous to all its members. After a strong appeal for financial support, Mr. Smith said the best way to prevent trouble is to be prepared for it. If they were in a strong financial position they would do a great deal to smooth the way to amicable adjustments in the future. The proceedings concluded with the singing of "Auld Lang Syne."

South-West London Chemists' Dinner.

The annual dinner of the South-West London Chemists' Association—the first after an interval due to war conditions—was held at the Holborn Restaurant, London, W.C., on April 28, Mr. J. Humphrey (President) in the chair. If there are any chemists so *blasés* as to think that one dinner of pharmacists is very much like another, they might with advantage have breathed the atmosphere of the South-Westerners on this occasion. Friendliness (if we may try to suggest the essence of the matter in a sentence) was the dominant impression created in the mind of the visitor, from the cordial greeting of the President at a happily brief reception to the last note of an unusually varied musical entertainment. The proceedings, indeed, had much of the informality of a family party. Mr. Humphrey was supported at the top table by Miss Buchanan, Mr. Herbert Skinner, and Mr. A. R. Melhuish, members of the Council of the Pharmaceutical Society; Miss Borrowman, the desirability of whose presence on the Council was suggested by more than one of the speakers; Mr. A. R. Keith and Mr. Percy Sparkes, candidates for the Council; Mr. C. A. Noble, ex-President of the Western Pharmacists' Association; and others. Among the general company we noticed Mr. E. Skues, secretary of the Association; Mr. C. Yeoman, the Association's treasurer; Mr. A. R. Arrowsmith (The Apollinaris Co., Ltd.); Mr. G. R. Boyes; Mr. J. A Saunders (Willows, Francis, Butler & Thompson, Ltd.); Mr. T. Scarlett (Thomas Hodgkinson, Prestons & King); and Mr. W. P. Want. The wholesale houses were well represented among a gathering that comfortably filled the spacious Venetian Chamber. After dinner, coffee (unsweetened), and the loyal toast, music and speeches alternated till failing lights gave warning. The toast list would have been hard to equal for brevity, comprising as it did only two items after "The King"; and it was wisely made an early part of the programme, so that no one had to speak with an apprehension of the guillotine. To Mr. G. F. Barratt, Vice-President of the Association, was entrusted the first toast, "Pharmacy and the Pharmaceutical Society," and Mr. Barratt at once put everyone in a happy frame of mind by declaring roundly that pharmacy was in excellent condition. Miss Buchanan, on rising to reply, received an enthusiastic greeting from the company. She told her hearers that pharmacy had been recognised by the State in a way that would have been thought impossible ten years ago. The other toast, "The Ladies and Visitors," was proposed by Mr. E. A. Atkins in a speech full of sly hits at many, or even most, of his fellow-members—hits immensely relished, to judge from the constant ripples of laughter. Mr. Atkins blandly claimed that the Association had the best of the Council candidates there, and went on to welcome the wholesalers present—remarking, with a chuckle, that the retailer was always glad to see the wholesaler or his representative, no matter how busy—and so forth. In more serious vein, he praised the work of Mr. Herbert Skinner and of Miss Borrowman, whose names were coupled with the toast. The London Retail Price-list was a great achievement, he said, and it was typical of Mr. Skinner's service freely given to pharmacy in all its branches. Miss Borrowman had rendered valuable help in the South-Western Association, and he hoped that she would soon join Miss Buchanan on the Council of the Society. (Applause.) Miss Borrowman made a concise and graceful response. Mr. Skinner, who also replied, chaffingly remarked that Miss Buchanan was already sitting on one side of him at the Council table, and there was a vacancy on the other side for Miss Borrowman. Striking a deeper note, he added that to spend oneself in the service of the craft was a delight. On this note the speeches ended. It has already been mentioned that a varied musical programme was provided; it must be added that in addition to the "professional" items, two humorous studies in dialect were contributed with great effect by Mr. Peter Irvine, and two songs by Mr. Agnew (Wright, Layman & Umney, Ltd.).

Insurance Act Dispensing

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Blackburn.—At a recent meeting of the Insur[ance] Committee an application from Mr. Thos. Haslam [for] admission to the panel for premises at 56 Bolton R[oad], Blackburn, was agreed to. Mr. R. McKie and Miss A[nnie] Gamble have resigned from the panel.

Essex.—At a meeting of the Insurance Comm[ittee] held on April 27, Mr. J. H. Burrows, chairman, pr[esid]ing, the Finance Sub-Committee recommended the [pay]ment to practitioners the sum of 1,469*l.* 2*s.* for dispen[sing] medicine. The Medical Benefit Sub-Committee repo[rted] that the names of six persons had been added to, [and] eight withdrawn from, the list of those supplying [drugs] and appliances. The Sub-Committee also recomme[nded] that all practitioners who have undertaken to dis[pense] medicine to persons residing in rural areas continue, [sub]ject to the right of the insured to obtain drugs, [or] otherwise, new entrants into Insurance resident be[yond] one mile from a chemist will be supplied with form [from] which to intimate whether they desire to obtain [their] drugs, etc., from practitioners. The report of the [Com]mittee was adopted. It was resolved to require chem[ists] to furnish a list of the names and qualifications of [their] dispensers. The Pricing Committee forwarded the [fol]lowing statistics: Number of prescriptions: 1917, 629,[1]; 1918, 723,732; 1919, 687,837. Total cost: [1917,] 16,918*l.* 2*s.* 3*d.*; 1918, 22,512*l.* 11*s.* 5*d.*; [1919,] 23,359*l.* 19*s.* 9*d.* Average cost per prescription: [1917,] 6.44*d.*; 1918, 7.46*d.*; 1919, 8.15*d.* Mr. E. M. Bu[rton] (chairman) brought up the scheme prepared by the Sp[ecial] (Medical Benefit Regulations, 1920) Sub-Committee [for] securing a proper pharmaceutical service. It pro[vides] that a sub-committee shall be constituted, to be [called] the Chemists' (Hours of Service) Sub-Committee. [The] normal hours of closing for chemists, except on [early]-closing days and on Sundays and public holidays, [shall] be: In the Metropolitan Police area, 8 P.M.; in all [parts] of the county outside the Metropolitan Police [area,] 7.15 P.M. If any chemist be aggrieved by the hours [fixed] he may make application to the Sub-Committee, who [shall] have power to vary the hour. A prescription presented to a chemist outside the ordinary hours of service shall carry a double dispensing-fee, provided it is marked "Urgent." The scheme was adopted.

Exeter.—At Exeter, on April 21, Mr. W. J. Shep[herd] (Barnstaple) presided over a meeting of the Devon [Phar]maceutical Committee. Various matters connected [with] pharmaceutical service were discussed with Mr. G[eorge] Mallinson (secretary of the Local Associations Execut[ive] who was visiting the district and accepted the [Com]mittee's invitation to attend the meeting. The repo[rt] of the Central Checking Bureau was approved.

Glamorganshire.—At a meeting of the Insu[rance] Committee held on April 23, an increased payment, [asked] for in connection with the pricing of prescriptions, was refused.

Kent.—The Insurance Committee met at Maidsto[ne] on April 14, Mr. C. Igglesden presiding. A resolution in favour of a State Medical Service was passed, and copies are to be forwarded to the Association of Insurance Committees, the Ministry of Health, and the Prime Min[ister]. The Finance Sub-Committee reported that the Min[istry] of Health had approved of the payment of the statutory levy for 1920 to the Pharmaceutical Committee of a sum not exceeding 595*l.* The Medical Benefit Sub-Committee reported that they had notified practitioners that insured persons should not be required to purchase drugs or dressings. The Medical Benefit Sub-Committee considered a letter from the secretary of the local Nursing Association in reference to the provision of drugs for insured persons living at High Brooms, Tunbridge Wells, the nearest chemist's shop being two miles away. The Sub-Committee considered that it was not possible to ar[range]

chemist to open a dispensary at High Brooms. The list of chemists for 1920 showed that 184 persons senting 258 shops) had undertaken to supply drugs ppliances, and three persons (representing three shops) upply of drugs (other than scheduled poisons and nces), the total being two less than in 1919. The al Benefit Sub-Committee gave consideration to a from the secretary to the Joint Pricing Com-, stating that that Committee was advised that nt cannot be made for capsicum wool and thermo-supplied after April 1. The Sub-Committee held inion that these articles should be classed as treat- and recommended that steps be taken to have the n withdrawn. A scheme for regulating chemists' of service has been drawn up, and 8 P.M. is to be ed as the normal closing hour, with special ements for Sundays, public holidays, and on early-days after 1 P.M. A double dispensing-fee shall able in respect of each urgent prescription dis- outside the usual hours. The representatives of the ts on the Joint Sub-Committee are : Messrs. A. E. , D. T. Evans, and J. E. French. Several altera- n the panel were reported, including two additions o withdrawals.

on.—A meeting of the Pharmaceutical Committee ld on April 13, Mr. A. J. Wing (chairman) in the Discussion took place on reopening negotiations ne Ministry of Health at midsummer. It was de- that a letter be sent to the Local Associations ive asking what action they proposed to take. The of the Central Checking Bureau showed that the of error in pricing was 0.05*d.* for January. A ub-committee was appointed to consider a report from the London Insurance Committee on the nt of venereal disease. Prescriptions dispensed the fourth quarter of 1919 showed the following s :

ngredients ...	4·07*d.*	Cost per prescription ...	7·77*d.*
ees	3·70*d.*	Cost per insured persou	5·51*d.*

ptions dispensed during the year 1919 were as :

st ...	136,244*l.* 0*s.* 7*d.*	Number of presc.	4,291,821
of scripts...	3,557,415	Av. cost per presc. ...	7·62*d.*
per script ...	9·19*d.*		

mber of prescriptions dispensed for January was the average cost being 9.21*d.* The joint scheme nder Article 9 of the Medical Benefit Regulations n issued to chemists on the London Panel. The ee then appointed Messrs. Wing, Barnard and represent the Pharmaceutical Committee on the f Service Sub-Committee. Particulars of the dis- service were given under the Battersea and New ta.—A meeting of the Insurance Committee was April 22. The following information is abstracted agenda. The Financial Sub-Committee recom- that payment be made of accounts amounting to 6*s.* 5*d.*, and agreed to advances of 605*l.* and 471*l.* ely being made to the Panel and Pharmaceutical ees. Dispensaries under the Sanatorium Benefit e debited with 1,471*l.* 15*s.*, while payments to for the medical year 1920 amounted to 3*s.* 1*d.* In a case of alleged excessive prescrib- Medical Benefit Sub-Committee recommended that itioner should be surcharged with 1*l.* 5*s.* 6*d.* The mittee also provided a statement of the approved r pharmaceutical service. The " Hours of Ser- Committee " has not yet been appointed. The our will be 8 P.M., except on Sundays, Bank and early closing days. Prescriptions dispensed inary hours and marked " Urgent " will bear a spensing-fee. Mr. J. Skinner occupied the chair, arious recommendations were adopted.

aeth.—At a meeting of the Insurance Com- eld recently at Dolgelly, a paucity of chemists unty panel was reported. At Barmouth it was to use compulsory powers to get drugs for in- sons, as local chemists had withdrawn from the

mptonshire.—At a meeting of the Insurance e, on April 24, the Medical Sub-Committee reported that, in consultation with the Pharmaceutical Committee, they had agreed to the scheme under Article 9 of the Medical Benefit Regulations, 1920. The clerk said that he had been in communication with the Ministry of Health with regard to the scheme. The chemists had complained that a section of the Sunday times interfered with their going to church on Sunday, and alterations had been made. The Ministry of Health said that any minor alterations concerning the scheme could be made without consulting the Ministry. The Medical Sub-Committee also reported that they had considered, in consultation with the Panel and Pharmaceutical Committees, the question of rural dispensing by doctors. They felt that the procedure laid down by the Ministry for the purpose of conferring right of choice would be difficult to administer. They recommended : That in all cases where a doctor and chemist resided in the same town the doctor's rural patients shall be given notice of their option, but that in all other areas in the county there is serious difficulty within the meaning of Article 10 (1). The clerk explained the numerous difficulties. Cards would be sent to the insured persons, who would have to state whether they wanted the doctor to supply them with medicine. The administration would, no doubt, upset the harmony of what had been going on peacefully for the past seven years. The chemists in Northamptonshire were indifferent about the matter. Power was given the Sub-Committee finally to deal with the question.

Southend-on-Sea.—At a meeting of panel chemists held recently, Mr. F. H. King in the chair, the scheme for securing a pharmaceutical service was considered, and it was agreed that chemists on the rota for emergency service shall only dispense Insurance prescriptions marked " Urgent " on Wednesdays, Sundays, and Bank Holidays, between the hours of 6.30 and 8 P.M., and after normal closing hours at any time, and that such prescriptions shall be referred to the chemist on the rota for that evening. The chairman and other chemists present drew attention to the irregular practice still obtaining of issuing Rep. mist. prescriptions, and it was resolved that the practice be reported to the Insurance Committee and its discontinuance by panel practitioners requested. The members present expressed their willingness to dispense prescriptions issued by the Tropical Disease Clinic at the same rates as those recognised under the Insurance Act. There is a possibility that such prescriptions will be priced by the Central Checking Bureau free of charge. The secretary reported that another pharmacist had been elected to the Insurance Committee, in the person of their chairman, Mr. F. H. King, nominally as the representative of deposit contributors.

Twickenham.—The chemists in the central part of Twickenham have formed a voluntary rota among themselves for giving attendance on Wednesday evenings for urgent prescriptions.

Warwickshire.—The Pharmaceutical Committee met at Leamington on April 22, Mr. Hutton presiding. The case of a chemist, who had dispensed regularly for insured persons in the rural area since the inception of the Act, but who had lost this business on account of the application of the doctor to dispense for his patients, had been referred to the Local Associations Executive and the Ministry of Health. The scheme for ensuring a regular dispensing service was approved. The definition of areas coming under Article 10 (1) of the new Medical Benefit Regulations had been decided by a Sub-Committee composed of representatives of the insurance panel and Pharmaceutical Committees. An undertaking had been given by the West Midlands Pricing Office that prescriptions marked " Urgent " by the doctor and not endorsed by the chemist should be returned, and not treated as ordinary prescriptions. The Central Checking Bureau report showed a high standard of accuracy in pricing. Several prescriptions having already been received after 8 P.M., obviously urgent but not so marked by the doctors; the secretary was instructed to communicate with the Insurance Committee. An application was also made to the Insurance Committee for an increase in the advance payment per script from 5½*d.* to 8*d.*

Association Affairs.

Dewsbury.—The annual meeting of the Dewsbury Chemists' Association was held on April 21, under the chairmanship of Mr. G. Walker (Birkenshaw). The treasurer reported that there was a slight balance in hand on the year's working, and the secretary submitted his annual report. Both reports were approved. Mr. G. Walker was then re-elected *President*, Messrs. Flower and Rhodes *Vice-Presidents*, and Mr. Gutteridge *Treasurer*. Mr. Phillips was appointed *Secretary*.

Exeter.—The Devon Pharmaceutical Association met on April 21, Mr. J. D. Turney (Plymouth), Vice-President, in the chair. The impending resignation of the treasurer (Mr. W. J. Shepperd) was announced, and received with regret. Mr. F. Sutherden, hon. secretary, reported on the steps taken towards the revision of the patent-medicines stamp duty, which had proved abortive.

Lancaster.—The annual meeting of the Lancaster Pharmacists' Association was held on April 21. Mr. H. Troughton (President) was in the chair. The secretary read correspondence with the Local Associations Executive respecting the Southport resolution and the formation of trade unions; also with the Proprietary Articles Trade Association and the L.A.E. *re* patent-medicine stamp incidence. He mentioned that the Lancaster Co-operative Society had promised to adopt "face values," and referred to the additions which had been made to the minimum retail price-list. The secretary presented his annual report, which was accepted. Mr. A. Bate (treasurer) submitted a financial statement, which showed a deficit on the year's working, and it was agreed to increase the subscription to 5*s*. per annum. The constitution was amended so as to include in the Executive three district secretaries. Mr. H. Troughton was re-elected *President*; Mr. F. N. Whitehead (Morecambe), *Vice-President*; Mr. J. B. Shattock, *Secretary*; and Mr. A. Bate (Lancaster), *Treasurer*. The district secretaries are Mr. F. N. Whitehead (Morecambe), Mr. A. Colbeck (Carnforth), and Mr. H. K. Duckworth (Grange-over-Sands); while the elective members of the Executive are Messrs. R. T. Simpson, H. K. Robertson, and R. S. Angus, Mr. A. T. Maxwell being the *Auditor*. The President then introduced Mr. F. G. Hines (York), a retiring member of the Pharmaceutical Council, who referred to the large number of men expected to qualify during the next two or three years, and suggested the following methods of absorbing them: (1) The Army pharmaceutical service; (2) wholesalers who at present are employing only a small percentage of qualified men; (3) the Ministry of Health in all branches of which opportunities should occur for the employment of qualified pharmacists. He considered that the "Pharmaceutical Journal" should be improved and made more useful. The "Journal" Committee were continually opposed by the Council when they wished to make alterations. As to the future of the "Major," he felt that it had outworn its usefulness and should be abolished. They should make a useful qualification by setting an honours paper in certain branches—*e.g.*, bacteriology and public health. Mr. Hines also said the time for the assistants' qualification had gone by. Mr. Hines said he advocated a federal union or federation. The finances of the L.A.E. were drawn from the National Health Insurance, and an Organising Committee was formed and reported in two years. There was no discussion on the report in the Pharmaceutical Council, as it was brought in at the last moment and rushed through. It was absurd for assistants to be in the L.A.E. There was too much delay in business, and he welcomed the Southport resolution because it would "get a move on." The Industrial Council Wage Board was essentially an organisation of employers, as the Ministry of Labour encouraged the organisation of assistants. The Government would turn to the Industrial Councils in any future questions affecting industry or trade, yet the "Square" advised "Do nothing." The Pharmac Society feared that some body would be set up encroached on their domain. A democratic L.A.E. settle this matter. The only way was for phar to form a union directed by a Central Executive distinct organisation. Pharmacy had never h efficient lead in thought or aim, and a new Socie required which would not neglect professional stat its units. In trade matters a small minority viewe calling as an art, but the vast majority "kept s and their main point was to bring grist to the They pandered to "professionalism." Multiple gave them a clean-cut proposition. The Pharmac Society had no progressive ideas, no conscious ai could not protect chemists' interests, because it recognised trade matters and did not prevent gros tion of the Register. Territorial representatio democratic control were badly needed. Definit true functions of the Pharmaceutical Society, h it was nothing but a conservative court. It co both prosecute and defend. The leaders were tunists—bargainers for their own credit. They find a way for the Society to express itself as a cratic organisation. He referred to the Presiden cular as "hitting below the belt," and conclud saying they must unite to protect their interest response to an invitation for questions, Mr. West port) asked about the medicine-stamp duties, and funds of the Society were being used to fight t case. If the funds of the L.A.E. were being use would be trouble with the Ministry of Health. Pharmaceutical Society had been very solicit regard to the organisation of assistants, but ha nothing in the same way for employers. Mr. E asked a question concerning men entering pharm way of the R.A.M.C. without previous experienc obtaining grants from the Government. Mr. thought there was a suggestion that pharmacists mig exemption from admitted formulas, and they migh to stamp everything if they got the advantages the asking for *re* stamping. The funds for fighting the case" were partly provided by the Pharmaceutical and partly by the L.A.E. Mr. Hines said the P ceutical Society is not encouraging men who h served in the profession before the war to undergo ing. He informed Mr. West that as regards the of the L.A.E. and the Pharmaceutical Counci William Glyn-Jones described the L.A.E. as committee of a committee of the Council. The co tion of the L.A.E. was wrong, in that every should be elected territorially. The L.A.E. was t the Pharmaceutical Society by financial strings. thing came through the Society, and the funds fr panel chemist went to the Society. A resolutio passed unanimously asserting that no readjustm the stamp duty on patent medicines can be accepted does not yield to the retailer a profit of 25 per c the selling price, and calling on the Proprietary Trade Association to give greater consideration interests of the retailer. Ladies joined the compa tea, and in the evening enjoyed a visit to the Cl Opera.

Lancashire (N.E.).—The North-East Lan Chemists' Association held a meeting on April 2 R. H. McMyn presiding. Included in the correspo were letters from proprietary firms on the quest prices; and acknowledgments from members of ment for the district, on the question of patent m stamp duty. All promised to give the matter the sideration.

Leamington.—The Warwickshire Pharmac Association met on April 22, Mr. Hutton in the It was decided to hold meetings on Wednesday Thursdays alternately in future. The recent incre subscription has had no adverse effect on memb The suggested separate organisation was not sup confidence being felt that the Local Associations tive, or a similar organisation acting in touch wi Pharmaceutical Society, would be able to deal w

natters. It is hoped some announcement as to what the L.A.E. can do will soon be made. The secre- as instructed to communicate on these lines with A.E. Letters have been sent to several members iament supporting the proposed revision of patent- ie stamp duty. Burroughs Wellcome & Co.'s re- erms were discussed, and thanks tendered to the for their labours in this direction. A resolution ssed, supporting Mr. Davis, the secretary, in the ming election to the Pharmaceutical Council.

ds.—At a meeting of the Leeds Chemists' tion, on April 21, Mr. F. Pilkington Sargeant n address on *The Future*. Mr. N. N. Armitage l. Mr. Sargeant remarked upon the advent, as when a Pharmaceutical Council election comes of gentlemen with ideas—some of which have a amount of practicability, and others have been d failed. He admitted, however, that it is not r older members of the Council to assume that ould not be called upon to state the faith that em. The credit for the recent improvements in aists' position is not all due to the Pharmaceutical The Local Associations Executive, the Pro- Articles Trade Association, and the Chemists' Association have all done their part towards the , but he maintained that the Pharmaceutical has done more than any other body. Mr. opposed any idea of introducing business into the Qualifying examination. The examina- sts for the purpose of protecting the public in ensing of medicines or the sale of poisons, and e that he keeps proper books or accounts. With the growing number of chemists in institutions he retailing of poisons is not a part of their , arrangements must be made for giving them raining in the lines of work they will have to On organisation, Mr. Sargeant said he had a hich might be considered Utopian, but which he practicable. The first step has been taken deration of areas. There should be a method tion so that each area becomes self-contained for cal purposes. It will be represented territorially harmaceutical Council and the Local Associations e, or any body which may supersede the Local ons Executive, and the area executive, which in close touch with both the trade and pro- sides of the craft, must have power to deal ocal matters affecting any or all of the associa- he area. The Ministry of Health, he under- contemplating the possibility of establishing hospitals in districts where there is a shortage nodation, or a clinic. In any such establish- emists as ratepayers and as chemists have a ee that they do all the dispensing for the out- f the hospital or the visitors to the clinic. must not blind themselves to the possibility e medicine service. In every federated area st be a school of pharmacy, controlled and ointly by the Pharmaceutical Society and the authorities. The school laboratory could carry esearch or analyses required by chemists in t a nominal cost. The school should be the organisation in the area, and there should lence somewhere near a regional officer, whose will be to the area pretty much those of the f the Society to the country. One of his tant functions would be to see that the Phar- are less flagrantly disobeyed than at present. hings will cost money, but he suggested that ption to the Society should be increased to e extra guinea going to regional expenses. will have about 2,000 members, and he thought organisation can get along on that income. lent said Mr. Sargeant's scheme is certainly ut it is worth striving for. State recognition eutical teaching is long overdue. Mr. J. H. s glad Mr. Sargeant did not approve business the examinations, or every other trade would t to demand State education. Mr. J. Hayes said he agreed that during the past two years the Council has done the finest work in the history of the Society. In the training of apprentices it is essential that there should be approval of definite shops. He thought the scheme of education should provide that after a youth has taken his "Minor" a course of post-graduate study should be offered for the man who was going into an institution, and in business training for the man who was going into a shop. Mr. H. Gilleghan said approval of shops for training purposes is one of the most important points in the apprenticeship scheme. The apprenticeship of many modern chemists was nothing but a case of cheap labour. Mr. R. Brownbill asked whether Mr. Sargeant favoured the Council taking any action under the proposed Dental Bill. Mr. R. Mortimer asked on what sort of basis would shops be judged for approval for training. Mr. Sargeant, in reply, said he hoped approved shops for training would come about, but each case will have to be judged on its merits, and it will not depend on the number of Insurance prescriptions dispensed, or even whether a man is on the panel or not. In regard to the Dental Bill he would not approve of the Council supporting it. The Council is there to deal solely with matters appertaining to pharmacy.

Liverpool.—Sir William Glyn-Jones (secretary of the Pharmaceutical Society) attended a meeting of the Liverpool Chemists' Association on April 27, held at the Royal Institution, Colquitt Street, Mr. D. H. Evans (President) presiding. Sir William reviewed the difficulties of "carrying on" during the war. Speaking of the organisation of pharmacists, he said that no other calling was better organised. No one would say to-day that pharmacists could not be aroused. At any rate, the proprietors of the Memorial Hall and the Central Hall in London knew better. (Laughter.) If anyone outside pharmacy dared to attack its interests he had better look out for squalls. (Renewed laughter.) A great deal of dust and noise was raised about the Society's proceedings, but he believed that many things had been better done because of the turmoil. He referred to the changes in the by-laws and regulations. He had looked through several thousands of the applications sent in by ex-Service students asking for grants towards, or to be excused, the Preliminary examination. The reading was not pleasant, the papers revealing much of the conditions found unsatisfactory in pharmacy to-day. There could be no greater danger to the profession than having a number of men who, while they could not get their living outside, yet did not qualify within. It was to the interest of the country that these men should be helped to get through their examinations, and between 2,000 and 3,000 would be so helped. He found, in reading these papers, that many pharmacists had been too ready to avail themselves of the cheapest form of labour, the errand-boy drifting into the work at the counter, and then into the position of the unqualified assistant. That was all wrong for the interests of the calling, and he was glad that an end had been put to it for the future. Turning to the Ministry of Health, he said it was the business of the Society to see how far it could be fitted to meet the coming new demands, and an interim report from a sub-committee of the Medical Consultative Council of the Health Ministry would come before the Pharmaceutical Council next week. That report, if adopted, would probably call for very important changes, particularly in the post-graduate training of pharmacists. Let each criticism of this matter be accompanied by a constructive proposal. (Hear, hear.) "I ask the critic not to be a coward, but to take the consequences of his criticism by stating alternatives." He hoped pharmacy had a bright future, and at the appointed time the Ministry of Health would find the Society ready with the machinery and the qualifications. In reply to other questions, Sir William showed that retailers had much for which to thank the loyalty of the wholesalers. He would not advocate compulsory membership of the Pharmaceutical Society. If the report he had spoken of was adopted, post-graduate facilities would be provided. In the evening Sir William addressed students of the School of Pharmacy, and attended a concert in aid of the Benevolent Fund.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, April 29.

The feeling of depression which has lately characterised the Mincing Lane produce markets still persists in many directions. As previously stated, the withdrawal of bankers' support or the insistence of more "cover," and the objection on their part to aid speculation in produce, is partly responsible for the present position. There has already been a severe fall in prices, but nobody can forecast the future value of goods in the present unsettled markets, and for this reason only urgent orders are being filled, and it does not seem wise to anticipate future requirements. The weakness in Japanese products is still evident. Menthol and oil have again declined and are weak, it being anticipated that bottom prices have not yet been reached. Disastrous speculation on a large scale in Japan has brought about a nervous feeling in that country, and has resulted in the cancellation of a number of orders for chemicals. Refined slab camphor has sold more freely at very irregular prices, but closed better on balance. Shellac has had a substantial rally in forward positions, but operators will be surprised if May delivery is liquidated without trouble. Among pharmaceutical chemicals prices continue in favour of buyers, and slight concessions are the rule. Citric acid, tartaric acid, cream of tartar, formaldehyde, hydroquinone, amidopyrin, aspirin, resorcin, and theobromine have eased. Pure caffeine and tannic acid are firmer. Among drugs, new cod-liver oil is lower with good Finmarken fishing in prospect. Opium at primary sources has sold freely for Japanese account. Chinese galls, canary-seed, and pepper are lower. The Dutch dock strike, which terminated on Wednesday, will improve business with the Continent, and release the large accumulation of chemicals and produce held in Rotterdam.

Higher	Firmer	Easier	Lower
Jasmin oil	Caffeine (pure)	Albumen	Antimony
Litharge	Farina (Jp.)	Amidopyrin	Canary-seed
Opium (primary sources)	Glucose	Anise oil, star	Cod-liver oil (Norw.)
Patchouli oil	Spike oil (Fr.)	Cassia oil	Galls (Ch.)
Red lead	Tannic acid	Citric acid	Hen-yolk
Shellac		Cloves (Zan.)	Lavender oil (Sp.)
Soya oil		Cream of tartar	Menthol
Turpentine		Formaldehyde	Mint oil (Jp.)
White lead		Hydroquinone	Pepper
		Juniper oil (Sp.)	Potato flour, sweet
		Lemon oil	Tartaric acid
		Mace	Wood oil (Ch.)
		Nutmegs	
		Oxalic acid	
		Pimento	
		Potash bromide	
		Resorcin	
		Theobromine	

The Drug-auction will be held next Thursday, May 6.

Cablegrams.

New York, April 29.—Business is fair. Menthol is $3.00 lower at $10.00 per lb. Jalap has advanced 3c. to 65c. per lb. Short buchu is 75c. lower at $3.50, and refined camphor is 20c. per lb. lower at $2.65.

Bergen, April 29.—The catch of cod amounts to 30,200,000, against 17,200,000 at the corresponding date of last year. The yield of steam-refined oil is 45,263 barrels, against 22,751 barrels at the same date of 1919. The Finmarken prospects are fair, and the market for finest new Lofoten medicinal oil is firmer at 340*s.* per barrel c.i.f.

Acetic Acid is very firm at the prices quo week, but higher rates are anticipated.

Agar-agar is dull, with sellers of No. 1 Kc at 3*s.* and No. 2 Yokohama at 2*s.* 10*d.* per lb. on The exports from Japan during January of the p years were as follows :

	1918	1919	19
Kin ...	... 139,513	89,981	5 99
Yen ...	... 131,294	97,509	7 25

Albumen.—Chinese egg is the turn easier, pri ing on the spot at 5*s.* 2*d.*, and for May-June sellers quote 5*s.* 3*d.* per lb. c.i.f.

Aloes.—The exports from the Union of Sout during December 1919 amounted to 182,670 lb., 2,638*l.*, against 2,402 lb., valued at 10*l.* in 1 1918. During the twelve months ended Dece 1919, the exports were 1,202,982 lb. (13,522*l.*), 539,677 lb. (6,417*l.*) for 1918.

Amidopyrin is slightly easier at from 62*s.* to lb., and slightly less for quantity.

Anise is firm at 87*s.* 6*d.* per cwt. for Russian to 100*s.* for Spanish.

Antimony.—While the price of English refi tinues at 72*l.* to 75*l.* according to brand, foreig has weakened substantially, chiefly under the crisis in Japan, and offers have been made down below 60*l.* c.i.f. home ports. The demand is at still, this also applying to crude, which is said been offered at as low as 55*l.* c.i.f. The market, is by no means confronted with really excessive The further *débâcle* in silver, of course, is also a ing factor, this pointing to cheaper offers from Ch

Apricot Kernels are lower, with spot seller per cwt.

Arsenic.—Cornish white powder is steadily about 68*l.* to 70*l.* delivered London, but Grecia offering at less or on the basis of 64*l.* to 66*l.* c.i.f. according to quality. Demand is restrict

Aspirin.—Although most holders maintain prices, there are occasional cheap sellers of Co makes at about 5*s.* 11*d.* per lb., with up to quoted by makers.

Balsams.—Current spot quotations are as f Central American *Copaiba* filtered, in cases, 4*s.* lb.; Maranham filtered, in cases, 4*s.* 6*d.*; Para filtered, in cases, 3*s.* 2*d.*; genuine *Peru*, in ca *Tolu*, 8*s.* 6*d.*; and Oregon balsam, 8*s.* per lb.,

Barbitone is offered at from 26*s.* 6*d.* up to lb. on the spot, as to seller.

Bismuth.—There is plenty of inquiry, and business is passing at the fixed price of 12*s.* 6*d.*

Bromides.—The general demand is quiet, pota quite neglected, owing to cheaper second-hand of the Continent, some extremely low figures hav current. For small lots, such as hand-to-mout want, from 3*s.* 6*d.* to 3*s.* 9*d.* is quoted for gra crystals respectively. Sodium is 3*s.* 9*d.* and a 4*s.* to 4*s.* 3*d.*

Buchu.—Owing to arrivals, the New York round has been reduced to $3.50; on the spot round, slightly stalky, are quoted at from 11*s.* t per lb. The exports from the Union of Sout during December 1919 were *nil* against *nil* During the twelve months ended Decemb the exports were 149,166 lb. (37,130*l.*), against (16,948*l.*) in 1918.

Cade Oil is in good supply on the spot a per lb.

Cadmium is somewhat firmer on a moderate de current quotation being 6*s.* 9*d.* per lb.

Caffeine.—Although the makers' price of alkaloid is unchanged at 42*s.* per lb., they ar to give prompt delivery, and in importers' hand 45*s.* is asked. Caffeine soda benzoate is offere for forward delivery.

Calcium Lactate of B.P. quality is quoted 6*s.* 6*d.* to 7*s.* per lb., according to quantity.

Camphor (Crude).—Chinese on the spot is 6*s.* 6*d.* per lb., and May-June shipment at 6*s.* c.

IOR (REFINED).—Japanese has been in more de- t very irregular prices, with spot sales of 2½-lb. from 8*s.* to 9*s.* to 10*s.* per lb., and for May-June it sellers quote 7*s.* 6*d.* c.i.f. The above prices onsidered much more reasonable, there does not uch ground for any further substantial decline.

RY-SEED.—As dealers are buying only for immediate ients, the price is again lower at 150*s.* to 155*s.* rter for ordinary quality and 160*s.* to 170*s.* for good Morocco.

VAY-SEED is slow at 44*s.* per cwt. for fair Dutch spot.

A LIGNEA is lower, with sellers of selected at 80*s.* on the spot, and at 60*s.* for broken.

ACID is quiet and easier, offering at 6*s.* 7*d* et.

s.—Zanzibar are quiet and the turn easier, with ers at 2*s.* 1*d.* per lb.

NE.—The demand for hydrochloride (principally rt) exceeds the supply, and the market is firm er oz.

VER OIL.—The tendency is still to lower prices, est new Lofoten medicinal 1920 oil offering at barrel on the spot. At the moment hand-to- tying is the rule, as there is a prospect of much ces later in the year.

April 20.—The last report of the cod-fishing gives ing results up to April 17:

	1918	1919	1920
cod (millions)	14.2	16.6	28.2
c.l.o. (hect.)	14,900	21,930	42,270
r "raw" oils (hect.) ...	2,700	1,950	3,850

tput of oil still continues, and may be expected ue also during the remainder of the season—*i.e.*, rken fishing. On the market a weaker tendency ing. Almost all buyers are holding aloof, and business is being done. The last rise in prices have been premature, and they are now about on ever as before the rise.

April 20.—The result of the catch in Lofoten up 11½ millions of fish, with a production of 15,217 de oil, while the total of all our fisheries up to nts to 28⅞ millions of fish, with 36,466 barrels l, against last year's total up to the same time of 16.⅝ millions of fish and 18,905 barrels of crude arket is very quiet, and buyers are reluctant on the Finmarken fisheries, which have now started. r was favourable during the greater part of last a fair result was obtained. The amount of of cod-liver reserved for the production of is very small compared with what it used to similar catch in previous years. Manufacturers exclusively producing steam-refined oil. On the holders of crude oil in the Lofoten district and ricts south of Lofoten are unwilling to reduce r cost of production being higher than what willing to pay. Foreign consumers are quiet Lofoten catch and the catch in the districts south nay be considered finished.

R-SEED is quiet at 21*s.* to 22*s.* 6*d.* per cwt. for Morocco.

TARTAR continues easy, 99 to 100 per cent. ing at from 290*s.* to 295*s.* per cwt.

ED is slow of sale at 45*s.* to 47*s.* per cwt. for sifted Morocco, and at 40*s.* to 42*s.* 6*d.* for

is unchanged at 15*s.* to 16*s.* per cwt.

DUCTS are slow of sale and easier, Chinese olk offering at 95*s.* per cwt. on the spot, and y shipment 92*s.* 6*d.* to 95*s.* c.i.f. is quoted. native on the spot is 1*s.* 2*d.*, and sprayed whole is 95*s.* and dried yolk 9*d.* per lb. spot, siness has been done.

steadier, with spot sales of No. 1 Japanese *s.* 6*d.* per cwt., and for afloat 28*s.* c.i.f. has Sweet potato flour is cheaper, with sellers at spot.

D is quoted 34*s.* to 36*s.* per cwt. for ordinary

-SEED is steady at 12*s.* 6*d.* per cwt. for fair he spot.

YDE.—Although there is still a comparative he spot, prices are about 10*s.* per cwt. easier owing to stuff afloat, and 340*s.* per cwt. will buy prompt or near-by delivery.

FUSEL OIL sells readily at 20*s.* per gal.

GALLS.—Chinese are lower, with spot sellers of plum shape at 190*s.* and afloat at 185*s.*; ordinary on the spot are quoted at 185*s.* and afloat at 175*s.* c.i.f.

GINGER is quiet; the high price of Jamaica has almost cut off the home demand. Sales of Jamaica include 70 packages at 190*s.* for darkish grinding quality; good bold is held at 200*s.* and common wormy Rhatoon at 145*s.* More attention has been paid to Cochin, but stocks are all more or less wormy, the value of washed being 60*s.* to 65*s.*; Sierra Leone is 72*s.* 6*d.* and Japancse 65*s.* per cwt.

GLUCOSE has advanced about 2*s.* per cwt. to 60*s.* per cwt. for American water-white, duty paid.

HYDROQUINONE is in easier tendency, offering at from 10*s.* 6*d.* to 11*s.*. and slightly less for quantity.

LEAD COMPOUNDS.—Owing to the renewed considerable advance in raw material, white lead and oxides were again advanced on Friday and also on Wednesday of this week, in all to the extent of 2*l.* 15*s.* per ton for the former and 3*l.* for the latter. Current quotations are as follows: Dry white lead 63*l.* 15*s.*, and ground white lead in oil 75*l.* 5*s.* Red lead and litharge stand at 61*l.* 10*s.* for five tons and upward, and 63*l.* for lots under five tons, both for the home trade and export. Considerable quantities have been booked lately for export to the Continent, especially Scandinavia, and makers find it difficult to keep pace with deliveries on current contracts.

LITHIA CARBONATE is offered at from 9*s.* 6*d.* to 10*s.* per lb., as to seller.

MACE is dull of sale and prices weak at from 1*s.* 4*d.* to 1*s.* 5*d.* per lb. for fair Singapore, and 1*s.* 1*d.* to 1*s.* 2*d.* for pickings.

MENTHOL has declined a further 4*s.* to 5*s.* per lb. on the spot, with sales of Kobayashi-Suzuki at 54*s.* to 55*s.*, and, in combination with oil of mint, 47*s.* 6*d.* to 47*s.* per lb. c.i.f. has been paid for parcels arrived, but on Wednesday there was reported to be an offer from Japan at 45*s.* c.i.f.

METHYL SULPHONAL is quoted at from 45*s.* to 48*s.* per lb. as to seller.

NUTMEGS are rather easier, Singapore 100's offering at 1*s.* 4*d.*, 80's at 1*s.* 5*d.*, and 65's at 1*s.* 8*d.* per lb.

OLIVE OIL.—A Spanish Royal Order, dated April 10, modifies in certain details the Order of March 29, relating to the export of olive oil from Spain, which was summarised in the *C. & D.* last week (p. 100). Under the new Order, export licences issued will be valid until September 30 next in the case of oil to be exported in barrels or hogsheads, and until October 31 in the case of oil to be exported in tins or bottles with Spanish trade-marks.

OPIUM.—The London market is steady at from 20*s.* to 21*s.* per lb. for Turkey druggists. **There has, however,** been another advance at primary sources, from whence further large buying is reported by cable, for Far Eastern account, up to 19*s.* 3*d.* per lb. c.i.f. having been paid for 11½ to 11¾ per cent. It is reported that supplies from the Interior are reaching Smyrna and Constantinople at irregular intervals only, as railway communications are still held up by the insurrectionists.

OXALIC ACID.—Although makers ask 3*s.* per lb. for forward delivery, there is a slightly easier tendency in second-hands owing to the offer of various parcels through so-called "neutral" countries, these being available at 2*s.* 11*d.*, and probably slightly less.

PEPPER has further declined, fair *black* Singapore selling at from 7¼*d.* down to 6¾*d.* per lb. on the spot; to arrive the sales include April-June at 7⅞*d.* to 7½*d.* c.i.f., May-July and July-September 7⅞*d.* to 7¾*d.* to 7½*d.* c.i.f. Lampong is ½*d.* cheaper at 7*d.* to 7½*d.*, and April-June is 7¼*d.* c.i.f.; Tellicherry is 9½*d.* and Alleppy 7½*d.* per lb. spot. *White* pepper is also cheaper, Muntok offering at 1*s.* 2*d.*, April-June and June-August shipment at 1*s.* 1½*d.* c.i.f. Singapore is 1*s.* 1½*d.* spot, and May-July shipment 1*s.* 1*d.* c.i.f.

PHENACETIN.—Spot prices vary from 17*s.* 6*d.* to 19*s.* per lb. according to seller, with quantity offering at slightly less.

Phenazone is offered at from 32*s.* to 33*s.* per lb. on the spot, and at 32*s.* 6*d.* for forward delivery.

Pilocarpine.—Continental makers are now able to offer, and quote 34*s.* per oz. for nitrate and 37*s.* for hydrochloride, with slightly less for quantity; supplies are, however, limited.

Pimento is easier at 5¾*d.* per lb., which has been paid.

Potash Sulphoguaiacolate is offered at 25*s.* per lb.

Quicksilver.—Offers of outside parcels from so-called neutral countries are heard of at comparatively low prices, while an offer for shipment from Japan is reported at 23*l.* per bottle c.i.f. Demand has become very slack, and it is suspected that the market will yield further from the present quotation of about 25*l.* to 25*l.* 10*s.* per bottle. Prices, of course, are very high, but America produces much less, which is a somewhat counteracting factor.

Quinine.—Small parcels of Dutch make of sulphate can be had at 4*s.* 8*d.* per oz. net.

Resorcin.—The fact that a few parcels have arrived has led to an easier market at from 36*s.* to 37*s.* per lb.

Salicylates are steady. Best makes of B.P. salicylic acid powder or crystals from makers are quoted at 3*s.* 9*d.* spot and 3*s.* 6*d.* for forward delivery. Sodium salicylate powder is offered at 4*s.* 9*d.* and crystals at 5*s.* to 5*s.* 3*d.* per lb.

Santonin.—The parcel referred to last week as having arrived was 20 kilos. only (not 30, as stated), but the greater portion of it was sold before arrival to consumers. There is no santonin available in first hands, and the price is nominal.

Shellac shows a substantial recovery in all positions. After the close of our last report usual standard TN Orange quality sold at 465*s.* on the spot, but at the close of the week 480*s.* was paid. This week the market opened with sales at 510*s.* to 520*s.*, and subsequently 520*s.* to 530*s.* was paid. AC cakey has been sold at from 560*s.* to 580*s.* and GAL at 540*s.* to 550*s.* The sales for delivery include May at from 440*s.* to 510*s.* to 525*s.*, August at from 445*s.* to 495*s.* to 485*s.*, and October at 490*s.* per cwt. The arrival market remains nominal.

Soda, Caustic.—The spot price for 70 to 72 per cent. is 41*l.* per ton for resale parcels.

Soda Hyposulphite.—The fact that makers are hopelessly behindhand in their deliveries enables importers to ask extremely high prices, from 35*l.* to 45*l.* per ton being quoted for pea crystals.

Tannic Acid.—The American makers upon whom we chiefly depend for supplies have advanced their price to the equivalent of 8*s.* 6*d.* per lb., but slightly better than this can be done on the spot, importers offering at 8*s.* 6*d.* to 8*s.* 9*d.* per lb. for B.P. *leviss.* *Gallic acid* is also quoted at from 8*s.* 6*d.* to 8*s.* 9*d.*

Tartaric Acid is easier, with crystals offering at 4*s.* 6*d.* and powder at from 4*s.* 1*d.* to 4*s.* 2*d.* per lb.

Theobromine is slightly easier, the pure alkaloid offering at 46*s.* and sodium salicylate at 29*s.* per lb.

Turpentine has fluctuated widely, American on spot touching 212*s.* per cwt. at the end of the week, subsequently falling to 200*s.*, at which it closed on Wednesday.

Vanillin.—Prices vary from 79*s.* up to 84*s.* per lb. according to seller, the undertone being easy.

Wax, Vegetable.—Japanese is steady, with spot sales at 108*s.* per cwt. The exports from Japan during January of the past three years were as follows :

	1918	1919	1920
Kin	392,899	170,867	108,283
Yen	132,728	67,201	62.298

Wood Oil.—Chinese is about 5*s.* per cwt. lower, offering at 140*s.* on the spot

Zinc Oxide is steady with a fair demand, quotations of leading makers being thus : White seal, 99.9 per cent. ZnO, 70*l.*; green seal, 99.8 per cent., 66*l.* 10*s.*; and red seal, 99.7 per cent., 63*l.* 10*s.* per ton.

Essential Oils Market.

No outstanding changes are to be recorded this week, and the market generally is reported to be quiet, although good business has been transacted in some quarters. The Dutch strike, it appears, ended on Wednesday, and work will be resumed immediately confirmation is received from British Labour powers that Dutch vessels will be

Anise (star) continues its downward trend; berg steady; cassia is again easier, and cedarwood rema Citronella is in good demand, and prices are steady. and tuberose are extremely scarce, and high p quoted. Lemon is easier, and Japanese mint is ag Patchouli is higher and scarce. French spike i There are no important alterations to report an synthetics.

Anise (Star) is dull and easier, with spot sales Ship" brand at 4*s.* 7½*d.* per lb.

Bergamot is steady for 38 to 39 per cent. at la quotations. A Palermo advice dated April 17 sta demand has been a little more active, and consequ local market has been strong, higher prices being

Bois de Rose (Femelle) is steady at 50*s.* to 55*s.* according to source.

Cajuput is unchanged at 3*s.* 9*d.* to 4*s.* per lb., business has been done this week.

Camphor.—White essential Japanese is offered 175*s.* to 180*s.* per cwt., and brown at 150*s.* on the sp

Cassia is slightly easier, 80 to 85 per cent. cinna hyde offering at 9*s.* 4½*d.* and 70 to 75 per cent. per lb. on the spot.

Cedarwood is offered at 3*s.* 6*d.* to 3*s.* 8*d.* per lb. f

Cinnamon (Leaf).—Ceylon is easier, offering at 1 on the spot. African is quoted at the same figure. grade bark oil is offered to come forward at 12*s.*

Citronella.—A good demand is reported this spot prices are steady at 3*s.* 4*d.* to 3*s.* 6*d.* per lb. fo Java oil on spot and to come forward is unch 5*s.* 6*d.* to 5*s.* 9*d.*

Gingergrass.—Spot quotations vary from 18*s.* per lb. for the "insoluble" variety.

Jasmin.—Semi-liquid is tending upwards; sup remain scarce until the new crop, which is due in arrives. Distillers' price, calculated on present rate (65fr.), is about 36*s.* per oz. in bulk quantities.

Juniper-berry.—Spanish oil is easier at 22*s.* per

Lavender (French).—The coming of the new create some movement in this market, which has be for some time at the prices quoted last week. L ness has been done in some directions, and stocks to be running low. Spanish is easier at 27*s.* 6*d.* p 10 to 12 per cent. esters, and 42*s.* per lb. for 25 cent.

Lemon is easier to arrive, Sicilian shippers o from 8*s.* 3*d.* to 8*s.* 6*d.* per lb. c.i.f., and on the sp to 9*s.* 9*d.* is quoted. A Palermo advice, dated states: The position of our market remains strong and pressers seem determined to take the utmost of the situation, which is certainly rather in thei considering that on account of the drought the have been in the later part of the season, sma might have been expected.

Lemongrass is steady at from 1*s.* 3*d.* to 1*s.* 5*d.* pe and forward.

Lime.—Fair West Indian distilled can be had per lb. on the spot; hand-pressed is steady at l quotations.

Linaloe (Mexican) is quoted on the spot at 37*s.* per lb. Inferior parcels are said to be offered.

Mint.—Japanese dementholised is about 1*s.* per with sales of Kobayashi-Suzuki at from 10*s.* 9*d.* the spot.

Mustard.—B.P. is steady at 70*s.* to 75*s.* per lb.; is firmer at 32*s.* to 35*s.*

Orange.—Sicilian sweet has been offered at 45 per lb. this week, but the market generally is stea week's prices. Spanish continues in good deman per lb. for ordinary and 36*s.* for superfine on spot.

Patchouli is higher at 90*s.* per lb., and supplies scarce.

Peppermint is quiet, with so-called Wayne Count at 44*s.* per lb. on the spot, and forward shipment

Petitgrain is in good demand, and Paraguayan at from 26*s.* to 29*s.* per lb.

Spike is firmer for French at from 16*s.* to 18*s.* the spot; Spanish is unchanged at 14*s.* to 15*s.* from Spain states that, with a good rainfall i satisfactory yield in the spike crop may be ar

Tuberose.—Semi-liquid is nominal at 40*s.* per oz

Vetivert is steady; for Reunion spot supp 47*s.* 6*d.* to 50*s.* per lb. is asked; Java is quote per lb.

Wintergreen.—Genuine continues scarce at 40 per lb.

German Chemical Prices.

e been able to present our readers regularly with ealing with the market prices of pharmaceutical l chemicals in Germany, and thus keep them posted position in that country. Those who have had to study these reports will have observed the con- rease in prices, due in the first instance to the ed currency, which entails for the German pur- enormous outlay when buying articles of foreign nd, secondly, to the ever-increasing cost of manu- onsequent on increases in wages, taxation, trans- In this connection it is interesting to note that is, under the circumstances, not even able to with other manufacturers abroad, in London otassium bromide being offered at 5*s.*, compared l offers of 3*s.* 6*d.*—truly an issue never envisaged ent enemies. To illustrate the rapidity with which ve advanced, we append a table showing the otations for a number of pharmaceutical chemicals e first quarter of this year. Prices are quoted in r kilo. The highest quotations are given in s:

	January	February		March
cylic acid ...	67.50	97.50	(360)	132.50
substitute ...	80	140		210
ubnitrate ...	340	547		621
ydrochloride ...	10,100	15,100		10,100
... ...	450	810	(1,050)	950
hosphate ...	7,030	13,550		11,250
... ...	665	846	(1,100)	1,090
nydrochloride...	5,000	12,050		8,050
n	330	550	(860)	650
bromide ...	21	51		125
iodide	521	811	(925)	850
nitrate (100 kg.)	330	370		620
id	36	51	(140)	76
... ...	66.50	86.50	(315)	126.50

on, the chemical manufacturers have issued state- e effect that the prices of certain chemicals are further advanced, the following increases being

alicylic acid	...	to be advanced by Mk.			35	per kg.
irin	...	...	...	...	40	,,
h preparations	...	...	...	...	75—80	,,
e preparations	...	...	...	...	20	,,
orm	...	...	...	...	15	,,
al	...	...	...	...	160	,,
salts	...	...	...	...	39—52	,,
in	...	...	...	...	90	,,
	...	...	...	...	40	,,
don	...	...	...	...	100	,,
e acid	...	...	...	...	25	,,
	...	...	...	...	170	,,

is given by the manufacturers for the reduc- prices for codeine and morphine.

man Chemical and Drug Markets.

ations in the German exchange during the days e issue of the latest report (states a leading holesale house) make it impossible to calculate for import or for export. Sales effected on a foreign currency, and which at their con- ised to yield a satisfactory margin of profit, lement been found to mean a loss, and as sales uyers usually deal with large quantities, the ate of exchange involves losses running into marks. The word "contentment" seems to o an unattainable condition, when, in addition cy question, the following co-existent evils have ken into consideration—increasing cost of coal; wages; increased postal rates, freight and tariff kes and general strikes, including a Stock Ex- ; shortage of locomotives and of ships; un- work; decreased production; lowered moral increasing corruptibility; increased taxation; often short-lived laws and regulations; deficits e from the Post Office (1,500,000,000m.), from the (1,000,000,000m.), and also from Government and dertakings; insecurity of life and property; a sing national debt (197,000,000,000m.); a grow- enemy and a relentless outer enemy. A nation ear a national debt of 197,000,000,000m. would rmeated with the will to work to a far greater the case with Germany, if it desires to create nfidence abroad. One word stands out, one e solution forms the keynote of all political eeting—work. The work to be done is there, ing to work, and the raw materials, are want- l exaggerations usually have to be paid for, et, in common with the metal, cotton, leather, e even below the actual cost prices; this is he case with articles connected with coal and tar. While there is a repetition of extensive orders from abroad, the home demand is confined to purchases to meet the actual requirements of the moment, and in conjunction with the declining spirit of enterprise there is a lack of willingness to engage in important transactions.

[These introductory remarks form the most illuminating, as well as damning, indictment of the present condition of the German people—unwillingness to work, decreased production, increasing corruptibility, lowered moral conceptions, insecurity of life and property. Where are the once so vaunted virtues of the German race, and particularly of its recuperative powers after disaster?—EDITOR.]

The following quotations are in marks per kilo:

ACETANILIDE.—Supplies are very plentiful, and the price has declined considerably.

ACETIC ACID (98-100 per cent.) is in demand, but at the price of m.19 obtainable only in small quantities; 80-per-cent. is in very large demand at m.15.50.

AMMONIUM BROMIDE has decreased to m.105 in conjunction with potassium bromide.

ANTIPYRIN and ANTIPYRIN-SUBSTITUTE, owing to supplies being scarce, have been very little affected by the general decline in prices.

ACETYSALICYLIC ACID.—Supplies are more plentiful, and prices fluctuate considerably.

ASPIRIN (genuine) belongs to the class of comparatively rare articles.

BENZALDEHYDE, almost free from chlorine, for foodstuffs, is now in greater demand; quoted at m.200.

BISMUTH SUBNITRATE is cheaper at m.475, and bismuth subgallate at m.450, but is obtainable only in small quantities.

CAFFEINE.—Pure is scarcely obtainable from the manufacturers. Dealers have reduced the price to m.950, at which price it is finding increased demand by foreign buyers.

CAFFEINE SODIO-BENZOATE and CAFFEINE SODIO-SALICYLATE.—Stocks are greatly reduced, and at m.650 it evinces a tendency to rise.

CAMPHOR (REFINED) is in great demand, and at last can be offered at m.550. This price might be reduced for large orders in bulk.

CITRIC ACID has declined, following the general tendency, but at the present price of m.165 must be regarded as advantageous, since, in view of decreased supplies by manufacturers, offers by dealers are scarce and not likely to improve, as no import licences will be granted.

COUMARIN.—Small amounts are in regular demand by home consumers; foreign buyers are interested only in large deliveries. The present price averages m.800.

CREAM OF TARTAR (99-100 per cent.), following the lowered price for tartaric acid, has declined to m.75.

GLYCERIN.—First quality white, 28°, is in demand at m.26, but can be supplied only in small amounts.

HELIOTROPIN is scarce at m.1,100.

HYDROQUINONE has declined to m.375.

IODINE is scarce; quoted at m.850. Potassium iodide, m.700; sodium iodide, m.750; iodoform, m.800.

LYCOPODIUM.—Genuine is unfortunately still unobtainable.

MENTHOL CRYST., although supplies are scarce, has declined to m.2,100.

MILK-SUGAR is particularly scarce, owing to the shortage of milk and of coal, and is in constant demand. Crude milk-sugar is offered at m.25.

PHENACETIN is no longer as firm as it was.

PHENOLPHTHALEIN.—In spite of the absence of all supplies from manufacturers, dealers have reduced the price to m.350.

POTASSIUM BROMIDE belongs to the group of preparations which attracted the attention of speculators without large funds at their disposal, so that it has suffered a considerable drop in price, and now fetches m.75.

POTASSIUM PERMANGANATE is cheaper at m.125; supplies are fairly scarce.

POTASSIUM SULPHOGUAIACOLATE belongs to the class of rarer articles; the price is m.400.

PYRAMIDON and PYRAMIDON-SUBSTITUTE belong to the rarer articles, and their reduced price is now stimulating purchasers.

QUININE has declined considerably from its highest quotation, which touched m.3,000, and at its present price is in increased demand.

RESORCIN.—Ph. Germ. V. quality, m.600; technical, m.350.

SALICYLIC ACID has declined to m.100, leading to realisations.

SENEGA finds ready purchasers at m.375 in the western parts.

SODIUM BENZOATE.—Manufacturers' supplies are scarce; nevertheless dealers have reduced the price to m.100, and consequently the price for benzoic acid has dropped to m.125.

Sodium Bromide.—Supplies are scarce; still, it has declined to m.100, in conjunction with potassium bromide.

Sodium Salicylate is very scarce at m.100.

Star-anise Oil, owing to decreased demand, now fetches m.240.

Tartaric Acid.—Manufacturers have lowered the price without issuing larger supplies at the new price. The demand from abroad is extraordinarily great—so great, that were its exportation permitted, a single foreign order would suffice to absorb the whole stock held by German manufacturers and dealers. The present reduced price is m.105 for granular and m.106 for crystals and powder.

Theobromine.—Pure is scarcely obtainable.

Vanillin,—Chemically pure, 100 per cent., still remains one of the articles most in demand, and German manufacturers are still unable to meet the extensive orders. Recent events have also affected its value, and it has declined to m.2,500.

Veronal and Veronal-substitute are offered only in small amounts.

Arrivals of Drugs, Chemicals, etc.

This section is now restricted to imports of direct interest to the Chemical and Drug trades.

The following products have arrived at the ports named:

London

(April 6 to April 19).

Alcohol (N.Y.), 17 pps.
Chemical products, etc.: (N.Y.) 50 pkgs., (Germ.) 23 pkgs.
Ammonia anhyd. (U.S.), 322 cyl.
Acetanilid. (N.Y.), 15 brls.
Acetic acid, (N.Y.) 1,136 brls., (Swe.) 50 cs.
Argol, (Fr.) 204 hgs., (It.) 295 cks., (Port.) 372 cs.
Arsenic, (U.S.) 179 brls., (Jp.) 620 cs.
Barytes, (Germ.) 92 brls. 451 cks., (Belg.) 1,050 hgs., (Sp.) 800 bgs.
Benzoic acid (N.Y.), 30 brls.
Borax (N.Y.), 500 kgs.
Boric acid, (N.Y.) 794 sks. 100 brls. 509 bgs., (It.) 182 brls. 28 cs. 50 dbl. bgs.
Bromides: potass. (Germ.), 10 cs.
Butyric acid (N.Y.), 56 carh.
Calc. cit., (S. Amer.) 10 bgs. 14 cs., (It.) 279 cks.
Calc. tart. (Fr.), 474 bgs.
Citric acid (Fr.), 120 cks. 220 pkgs. 20 brls.
Creosote (N.Y.), 10 cs., (Swe.) 10 cs.
Creosote carb. (N.Y.), 10 cs.
Iron ammon. cit. (E.I.), 12 cs.
Lead acet. (Antw.), 5 cks.
Lead carb. (It.), 67 cks.
Magnes. chlor., (Antw.) 32 cks., (Hamb.) 40 cks.
Mercury (It.), 200 bots.
Milk sugar (U.S.), 242 brls.
Naphthol (N.Y.), 68 brls.
Nitrates (Germ.), 12 pkgs.
Paraform (N.Y.), 20 kgs.
Potash salts (Antw.), 100 hgs.
Potass. carb. (Black Sea), 57 cks. 404 brls.
Potass. nitrate (Antw.), 100 bgs.
Potass. permang. (Antw.), 20 brls.
Saccharin (N.Y.), 25 cs.
Safrol (Jp.), 10 drms.
Salicylic acid (It.), 20 brls.
Saltpetre (Cal.), 2,500 bgs. 946 pkgs.
Soda acetate (Fr.). 29 cks.
Soda chrom. (Hamb.), 10 cs.
Soda nit. (Fr.), 10 cks.
Soda oxal. (Antw.), 19 cks.
Sulphur, (Sic.) 10,428 bgs. 609 sks., (U.S.) 100 bgs.
Tannic acid, (N.Y.) 124 brls., (St. John, N.B.) 28 brls., (Antw.) 17 cs.
Tartar, (Fr.) 200 kgs. 85 brls. 617 bgs., (Sp.) 147 brls. 20 cks. 147 pkgs., (It.) 204 cks., (Sic.) 19 brls.
Tartaric acid, (Fr.) 100 cks., (N.Y.) 20 brls., (It.) 80 cs. 60 brls., (Tky.) 32 brls.
Thorium nitr. (Hamb.), 70 cs.
Tin oxide, 6 brls.
Vermilion, (Ch.) 20 cs., (Fr.) 20 cs.
Wine lees (Gr.), 300 bgs.
Zinc chloride (Germ.), 40 cks.
Zinc oxide (Germ.), 40 cks.
Cocoa butter (Fr.), 329 cs.
Drugs, crude, etc.: leaves, roots, herbs, (N.Y.) 32 bls. 40 cs., (Fr.) 367 bls. 57 pkgs. 3 bgs., (E. Af.) 53 bgs.
Aloes (E.I.), 25 cs.
Althea leaves (Fr.), 36 bls.
Angelica root (Germ.), 28 bgs.
Anise, star (Ch.), 200 hls. 200 cs.
Anise (Suez), 71 cs.
Benzoin (E.I.), 19 cs.
Calumba (E.I.), 728 bgs.
Camphor, (Jp.) 1,020 cs., (Ch.) 483 cs., (U.S.) 995 cs., (B'bay) 1,000 cs.
Cannabis indica (E.I.), 10 cs. 64 bgs.
Cantharides (Ch.), 50 cs.
Cardamoms (E.I.), 297 cs. 137 pkgs.
Cascara (N.Y.), 728 bgs. 347 sks.
Castor oil (Fr.), 1,140 cyl. 136 brls.
Dragon's blood (S'pore), 9 cs.
Euphorbia (E.I.), 25 bls.
Galangal (Ch.), 187 bls.
Galls, (Ch.) 220 cs., (Tky.) 67 bgs., (Fr.) 30 bgs.
Gentian (Fr.), 125 bls.
Henbane (Alex.), 8 bls.
Henna (Alex.), 116 bls.
Horseradish (Hamb.), 84 cks.
Ipecacuanha, (Straits) 15 hgs., (S. Amer.) 41 bls.
Juniper berries (Hamb.), 36 bgs.
Kola, (S. Amer.) 6 hgs., (W. Af.) 123 bgs.
Liquorice, (Fr.) 62 bls., (It.) 175 bls.
Male fern (Fr.), 7 cs.
Menthol, (N.Y.) 20 cs., (Jp.) 200 cs.
Nux vomica, (Fr.) 98 bgs., (E.I.) 2,460 bgs. 3,001 pkgs.
Olibanum (E.I.), 87 bgs. 234 cs.
Opium, (E.I.) 8 cs., (Smyr.) 9 cs., (It.) 54 cs., (Salon.) 31 cs., (Tky.) 144 cs.
Orange peel, (Malta) 65 pkgs. 12 cs., (Sic.) 11 cks.
Papain (Cey.), 21 cs.
Patchouli leaves (S.S.), 25 bls.
Rhubarb (Ch.), 35 cs.
Sandalwood (B'bay), 559 hdls.
Sarsaparilla (W.I.), 6 bls.
Senna, (Alex.) 37 bls., (Tinn.) 30 bls.
Squills (Malta), 236 bgs.
Tamarinds, (W.I.) 395 pkgs., (E.I.) 104 bgs. 149 cks.
Thyme (Fr.), 76 bls.
Turmeric (E.I.), 6 cs.
Gums, resins, etc.: (Manila) 420 cs., (Fr.) 122 cs. 200 bgs.; acacia, (B'bay) 217 bgs., (Alex.) 100 bgs., (Antw.) 341 pkgs. 209 bgs.; copal, (S'pore) 445 cs., (Manila) 114 cs. 416 bgs. 257 bskts. 564 pkgs., (E. Af.) 78 cs.; damar (S.S.), 50 cs.; elemi (Manila), 289 cs.; gamboge (S'pore), 9 cs.; karaya (E.I.), 72 bgs.; lac (Cal.): button, 6 bgs. 10 pkgs.; garnet, 100 bgs. 400 cs.; shell, 700 chts.; stick, 71 cs.; olibanum (U.S.), 5 cs.; resin (Fr.), 225 pkgs. 223 brls.; sandarac, (Germ.) 8 hrls., (Moroc.) 570 bgs. 122 brls.; tragacanth (B'bay), 828 bgs. 164 cs. 436 pkgs.
Honey, (W.I.) 132 cks., (U.S.) 25 brls., (Fr.) 30 cs.
Isinglass, (W.I.) 3 brls., (Antw.) 10 bls.
Lime-juice, (W.I.) 24 cks. 62 pkgs. 186 puns. 4 hhds., (S. Amer.) 188 cs.
Oils, essential: (S.S.) 17 cs., (Sic.) 181 cs. 22 pkgs., (N.Y.) 58 cs., (Antw.) 3 cs., (S. Amer.) 2 cs., (Sp.) 14 drms.; anise, star (Ch.), 400 cs.; cedarwood (N.Y.), 12 drms.; cinnamon (Fr.), 5 cs.; copaiba (N.Y.), 6 pkgs.; grass not descr. (E.I.), 6 pkgs.; lemon, etc. (Sic.), 483 pkgs.; lime (W.I.), 4 cs.; mint (Jp.), 250 cs.; orange (W.I.), 67 cs.; (hitter) (Messina), 30 × ½ pps.; rose (Sic.), 12 cs.; sandalwood (E.I.), 246 cs.; thyme (Alex.), 8 drms.; turpentine, (Antw.) 741 brls. 21 drms., (Gre.) 11 drms., (Fr.) 300 pkgs. 50 brls., (Swe.) 49 drms.
Olive oil, (Fr.) 127 hrls. 160 cs. 15 cks. 484 pkgs., (It.) 30 cs.
Petroleum jelly (U.S.), 595 hrls.
Soy (Ch.), 60 cks.
Spices: arrowroot (W.I.), 154 pkgs.; esssia (Ch.), 3,150 cs.; chillies (E. Af.), 300 bgs.; cinnamon, (Oey.) 774 bls., (Fr.) 313 bgs.; cloves, (E.I.) 161 bdls., (E. Af.) 1,679 bls., (stems) 2,570 bls.; ginger, (E.I.) 1,192 bgs. 47 cs., (W.I.) 129 bgs.; mace, (W.I.) 35 pkgs., (E.I.) 6 cs.; nutmegs, (S.S.) 85 bgs. 548 cs., (W.I.) 62 pkgs., (S. Amer.) 12 bgs.; pepper, (E.I.) 4,494 bgs., (S. Amer.) 77 bgs.; pimento (W.I.), 2,952 bgs.
Vaseline (U.S.), 2,200 cs.
Waxes: bees', (E. Af.) 88 bgs., (Moroc.) 35 cs. 76 bgs., (Tky.) 20 cs.; paraffin, (Antw.) 240 bgs., (U.S.) 3,282 bgs. 373 pkgs. 2,744 brls., (R'goon) 3,280 bgs., (scale) 2,241 brls.

Liverpool

(April 8 to April 17).

Bismuth ore, (Chile) 22 cks., (Ch.) 100 bgs.
Chemical products, etc.:
Acetic acid (N.Y.), 107 brls.
Argol, (It.) 502 bgs. 42 cks., (Sic.) 31 cks. 115 bgs.
Barium sulph., (Antw.) 320 bgs., (Hamb.) 24 cks.
Boric acid (Fr.), 22 bgs.
Calc. acet. (U.S.), 2,223 bgs.
Calc. borate (S. Amer.), 3,221 pkgs. 6,361 bgs.
Calc. cit. (W.I.), 180 bgs.
Calc. tart (Fr.), 210 bgs.
Potash chlorate (Antw.), 50 kgs.
Pot. salts, (Antw.) 310 bgs., (Germ.) 622 bgs.
Saltpetre (E.I.), 4,000 bgs.
Soda chlorate, (U.S.) 1,500 drms., (Fr.) 100 cks.
Soda nit. (S. Amer.), 20,567 sks. 28,507 bgs.
Sulphur, (Sic.) 4,181 bgs. 90 brls., (U.S.) 1,208 sks.
Tartar, (Fr.) 374 b... 32 cks. 12 brls.
Zinc oxide (Antw.), ...
Drugs, crude, etc... (Bahia) 40 bgs.
Aloes (Curaçao), 100 ...
Castor oil (Fr.), 210 ...
Cinchona, (Mollendo,... (Colon) 100 bgs.
Coca leaves (Mollend...
Cod-liver oil (Norw....
Cuttlefish (E.I.), 30...
Horseradish (Hamb.... 31 cks. 42 bgs.
Juniper herries (It.)...
Liquorice, (Fr.) 10 b... 6 bls. 62 bgs.
Liquorice juice (Sic....
Opium (Salonika), 6...
Orange peel (W.I.),... 26 hhds.
Quillaia (S. Amer.),...
Sandalwood (E.I.),...
Sarsaparilla (Colon)...
Tonka beans (Para)...
Glycerin (It.), 30 dr...
Gums, resins, etc.: ... Sudan) 1,908 bgs... 3,492 cs.; copal, ... bgs., (E. Af.) 7 cs... (S'pore), 1,625 ... (Fr.) 100 brls.
Honey (S. Amer.), 7...
Isinglass (Para), 28 ...
Lime-juice (W.I.), 1... puns. 4 hhds.
Oils, essential: (Fr... (Sic.) 70 × ½ cs... tus (Aust.), 143 ... der (Fr.), 9 drs... (Sic.), 21 cs.; ... (Swe.), 30 cks.
Olive oil (Sp.), 800 b...
Petroleum jelly (U.S...
Soy (Ch.), 110 cks.
Spices: chillies (... pkgs.; cloves, (E... bls., (stems) 1... ginger (W. Af.), ... pepper (E.I.), 500...
Waxes: (U.S.) 295... bgs., (Fr.) 92 pk...; (E. Af.), 156 bgs... (U.S.) 1,174 brls... (E.I.) 4,800 bg... (U.S.) 155 brls.

Hull

(April 1 to Apr...

Alcohol, methyl (... drms.
Barytes, (Antw.) 6... bgs., (Sp.) 160 bls...
Dimethylaniline (N.)...
Naphthol (N.Y.), 1...
Olive oil (Sp.), 630...
Valerian (Antw.), 5...

Manchester

(April 1 to Ap...

Acetic acid (U.S.),... barium chloride ... brls.; betanaphth... 14 brls.; emetic t... 29 cks.; formic ... 16 sks.; geranium ... 2 drms.; henna ... pkgs.; lead aceta... 24 cks.; phosp... John, N.B.), 500 ... fras bark (N.Y.,... soda acet. (Antw... soda hichrom. (Ha... cks.; soda nitrat... 100 cks.; sod. p... 15 cks., (Antw.)... sulphur (U.S.), ... wax, paraffin (I.)... brls.; zinc oxide ... brls.

Southampt...

(April 7 to Ap...

Alcohol (Natal), ... buchu (Cape), 16... (N.Y.), 462 cs.... oils (Fr.), 8 crts.... shell (N.Y.), 104 ... (Fr.), 150 bgs.

Correspondence

ters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

The Council Election.

R,—As a member of the executive committee of the lon County Pharmaceutical Association, I shall be if you will permit me to point out that it was only nority of that body which passed the resolution rsing the policy of the Pharmaceutical Council, and it was virtually only the representatives of two London ciations which decided to support the candidature of retiring councillors, omitting from their list of oved candidates the name of Mr. F. G. Hines, of , and that of Mr. A. R. Keith, of London. The on sub-committee appointed to push the claims of the "elect" included members of the South-West London iation, who were not present, do not approve of the decided upon, and are not prepared to serve on the committee. It is hardly necessary to state, therefore, the manifesto issued so inadvisedly in the name of London County Pharmaceutical Association does not sent the views of London pharmacists, particularly in the North, East, and South of the Metropolitan In the interests of fair play, and at the desire of ers of the London County Executive who do not rt the manifesto, a meeting will be held at the Pro- ve Pharmacy Club on Tuesday next, May 4, at .M. This meeting will be addressed by Mr. F. G. and Mr. A. R. Keith, and will be open to all ers of the Pharmaceutical Society.

JOHN HUMPHREY.

Personal Names.

—With reference to the remarks on names in the *D.* (April 24, p. 91), you are partly right with to the name of Fouracre inasmuch as it is a local but wrong as to area. It is a West-country name, spelt in that manner in Devon and Somerset. (My was a Plymouth man and served his apprenticeship, going on for medical, in a chemist's business there. I believe is still in existence.) It is spelt some- differently in Gloucester and Wilts, as Foraker, cre, and Foweraker. I can claim Northern blood veins through the maternal side, being a descendant Osbaldestone family, who, I understand, were kshire. With regard to withdrawal, I am afraid it ate now, but up to the end of March I was willing o provided seven other anti-by-law candidates came d. Yours faithfully,

ROBERT FOURACRE.

ollington Park, London, N. 4.

Profits on Proprietaries.

—Your correspondent, "Pharmico" (*C. & D.*, 4, p. 103), makes a very ingenious statement and ion in regard to profits upon proprietary articles as wholesalers and retailers are concerned. He to be entirely ignorant of—or perhaps overlooks— t that the proprietors of medicinal articles are ss to improve the position, because of the present f revenue-stamp duty upon such articles. The deputation to the Chancellor of the Exchequer for ded revenue duty upon proprietary medicines has, nately, fallen through, and the difficult position e remains. On the one hand, owners of proprietary es are faced with hostility from a section of both olesale and retail trade, because the full margin of hich these latter expect is not accorded. On the nd, should a more generous margin be afforded to e and retail traders, such margin must necessarily the net profit of the manufacturer, who is unable his retail prices owing to the revenue-stamp duty. In normal times, and with flourishing businesses, it might be possible—and even advisable—to sacrifice profit to obtain the good-will of the trade. Under prevailing conditions, however, with the prices of raw materials several hundreds per cent. up, and the cost of newspaper advertising (upon which proprietary businesses chiefly depend) also enormously increased, it is hardly a fair or reasonable proposition to put forward. There is only one way to solve this problem, and that is to get a reasonable and equitable revenue-stamp duty granted by the Chancellor of the Exchequer, and surely the simplest method of revising this would be to allow an increase of 6*d.* in the value of each article, according to the different stamp values. For example, a 1*s.* article, which now bears a 3*d.* stamp and sells for 1*s.* 3*d.*, would become a 1*s.* 6*d.* article and sell for 1*s.* 9*d.* The 2*s.* 6*d.* article, bearing a 6*d.* stamp, would become 3*s.* and sell for 3*s.* 6*d.*, and so on. This method should not in any way affect sales, and would not, therefore, produce less revenue, the two vital points of the whole matter. Such an alteration would allow of satisfactory marginal profit adjustments for both the wholesale and retail trades. Yours faithfully,

STRAIGHT DEAL. (105/8.)

SIR,—I view with increasing alarm the large number of new proprietary articles which are being put on the market every month. It affects us detrimentally in two ways: (1) Increasing our stock, thereby entailing extra capital outlay; (2) increasing the proportion of non-profitable business we do. Many of them, indeed, are on the protected list of the Proprietary Articles Trade Association and yield the P.A.T.A. minimum gross profit (20 per cent.), but every chemist who thinks at all about it must realise that 20 per cent. gross profit does not pay him even for patents. Before the war there were more pharmacies which had a turnover of 1,000*l.* to 1,200*l.* than any other figure. Regarding this as an average business, and assuming that one's turnover is now doubled, the average business may be regarded as one with a turnover of 2,000*l.*-2,500*l.* In a great many businesses, proprietaries form the greater part of the turnover. Twenty per cent. on 2,500*l.* yields only 500*l.* gross profit, out of which all overhead charges, wages, and incidental expenses have to be paid. These, of course, vary very considerably, according to the location of the business, but anyone with only half an eye can see that, after paying the expenses, the proprietor's income would be less than the wages of a policeman or a railway guard. The average expenses of a chemist's business are usually approximately 20 per cent., so that even the greatest optimist cannot make a sound paying proposition out of it. I have a great regard for the P.A.T.A. and the valuable work it has done for chemists in the past, but there is now a great need for a very much stronger Retail Section in order adequately to protect retail interests. The time has come when the chemist must be given a living wage on even proprietary articles. He cannot reasonably be expected to profiteer on other things in order to cover the loss on proprietaries, or to enable the makers to spend the chemists' due on extra advertising. I suggest that all local associations strongly urge the P.A.T.A. to increase their minimum profit to 33⅓ per cent. Nothing less than this will suffice to make proprietaries "worth while." I should like to know what is the average cost (total expense, not labour only) of serving each customer. Many chemists record the number of customers served each day, and can easily calculate it by dividing the year's expenses by the total number of customers in the year. They will probably be surprised at the result. Pharmacy must be put on a sound business basis, and it is only by calculating costs, and acting on the results obtained, that this can be attained. Yours faithfully,

ARGON. (20/4.)

The Outlook in the Drug-trade.

SIR,—There are bouquets going in the old *C. & D.* this week; mine is a real nice one, and I must thank "Xrayser II." for his compliments, though they are a trifle left-handed. But, incidentally, his well-meant advice, which is also "Jay Mack's," to launch into business, comes too late. I've had some. I know all about

the struggle of the first few years; I've fought on the loan system and long credit myself, when I've laid awake the night through wondering where the money was coming from to pay the traveller next day. I went into business with plenty of enthusiasm and no cash, and my household expenses were kept under 30*s.* a week—they had to be; but 1914 came along just as the young tree was setting its first fruit, and that killed it. The spirit of fellowship so prevalent in the drug-trade failed to manifest itself; my "friends" in the trade saw nothing but a chance of nice fat pickings, and they picked. My six years of hard penurious graft went west, and so did I. In the Army I was happy, happier than ever I was behind the counter; I had my turn of the "domineering corporal and sergeant" "Jay Mack" writes so feelingly about (I wonder if he ever was under one himself), but they were all good lads, and I'd have been with them yet, but I'd three hearty youngsters at home that wanted taking in hand. Such few chemists as I met in the Army were happy enough if they had the good sense to "savvy" that their "Minor" ticket was no particular recommendation of their value as a latrine-seat scrubber, cook's mate, or whatever job fate found them. I had to fight hard for my "dog's legs," and it wasn't the Society that got me them. "Jay Mack" talks about responsibility dodging; if he had had the responsibility of a general hospital on his shoulders as I had he'd know something he doesn't now. No! friend "Mack," I could always earn my salt, and I'm doing it to-day, and a bit more than salt too. My working hours are fixed by my employers at fifty per week; I average eighty and not under compulsion, just simply a recognition of duty due to those who maintain me. But if I whacked at it the old clock round, it wouldn't help me financially, for the simple reason that the returns and profit of the drug-trade are insufficient to pay the salary that a professionally capable man like myself merits. To take the "larder equation" as the base of calculation, the wage a qualified manager or first assistant should get is 9*l.* per week, and will "Jay Mack" agree that the drug-trade can pay such a figure? It cannot at present, hence my contention that the trade must be radically reformed, and the profits recalculated if the money is to be forthcoming to pay the right men the right pay. It is no use blaming the medical man for pinching the plums when the Insurance terms were first evolved: the orchard gates were open to all, and chemists have only their wretched under-calculation of their own value to blame for not grabbing their share. Brother medico knew what he wanted and got it; the mere suggestion of a strike was sufficient; the poor old potion pourer took the crumbs and expressed himself as very much obliged—thank you! As regards "Jay Mack's" remarks on the Russian outlook, I can only suggest that he vary his newspaper diet a little; he has adhered too closely to a "'Daily Mail' atrocity" bill of fare and is suffering from mental stenosis; a little "Daily Herald" once a day would act as a corrective. If he wants to talk "Bolshie" I'll take him on, but I don't think the Editor has space to spare for politics. If the drug-trade can't pay good men, it doesn't deserve good men, and it certainly can't pay as it should on the present lines. A man can't exist on prestige and status. it's the little old "Jimmy o' goblins" that keep the butcher quiet. A sense of duty is a great thing, but a sense of justice is greater; if you want a man to do well by you, pay him well. it will pay you well too. Think that over for a month or two. Masaid. (23/4.)

Sir,—"Xrayser II." cannot understand why assistants with brains, energy, and experience do not at once launch out for themselves. May I try to explain some of the reasons which weight the scales on the negative side? First, there are those of us who have family responsibilities, not from a marriage relation, but from parental connections, which prevent us from readily surrendering the concrete position, however small, for the abstract. Then there is the question of health. A man may be quite well enough to fulfil his daily duties with every satisfaction to his employer and keep fairly fit, but the extra amount of worry and work which is naturally entailed by being one's own taskmaster might find a weak spot and produce failure. Then, again, some of us pr not to start in debt. This may be an old-fashi notion, and I know that many of the best busine even in the drug trade have been founded on borro capital; but I have seen enough of its disadvantage in my own family to make it one of my first axioms n to have anything I could not pay for. I shall doubt holding such views, never be rich, and probably n independent even in a humble way; but the dead we of several hundred pounds would be a handicap that w prevent me running at my best, and cause me to lose the from the start. These provisos, therefore, as "Xrayser says, denote some defect—the first in circumstances, second in constitution, and the third in character— yet the fact remains that there are men presumably w out any of these defects, keen and successful bus getters, who work for companies or others all their without starting on their own. It is a hackneyed th well-accepted statement that the N.C.O. is the back of the Army, and it can be applied with truth also t qualified assistant and the retail drug trade. All t employers who devote so much time to local associat pharmaceutical politics, local councils, and other are all entirely dependent on the qualified man who comes their *alter ego*, and who runs their busines their absence as well as if they were there themselves, without these men they could not take up any out work at all. It is therefore a great pity that the assis is not, speaking generally, treated with a little more sideration both pecuniarily and socially than he present. It is a commonplace among gregarious a ants who exchange remarks when they meet that employer most imbued with pharmaceutical ethics is worst one to work for. After all, the man holds the qualification as his master.—Yours faithfully,

Defective. (24/

Sir,—In reference to the question of doing less t rather than pay more wages, "Jay Mack" says that retail trader cannot work on the same lines as big panies. Possibly, but the fact remains that the sumer who requires to purchase certain articles will go without them because the retail trader is doin much business as he requires, and he will therefore his custom to those stores and companies who do re it, and thus add another nail to the retail man's c which is just the danger we are warned against. B the war the assistant's wage averaged about 3*l.* a and under war conditions the dearth of qualified produced advertisements of positions at 5*l.* and 6*l.* we Supply and demand you would say; certainly, but point is that the proprietor found the money and it when he wanted to, and I have yet to learn tha went bankrupt under the strain, although he would declared that it meant ruination in pre-war days. "Jay Mack" has stated elsewhere that retail busin are 400 per cent. better off than in those times, so s the assistant may be forgiven if he aspires to a m 50 or 100 per cent. amelioration. Why, if we argue the dockers' and railwaymen's point of view that the of living has risen 135 per cent. and the pound is really worth about 8*s.*, the man who now receive weekly is only getting the equivalent of 32*s.*, or, in words, just half his 3*l.* wage in 1914. Employers s take a lesson from your correspondent "Pharmi letter on co-operation, and, dropping all petty jeal and professional notions, should combine together 33⅓ per cent. profit on turnover on all articles, and would then be able to get a decent profit themselves to pay their assistants increased wages at the same

Yours faithfully,

Non-Saver. (10/

Sir,—I was much interested in the comments and a ciative remarks made by "Xrayser II." (*C. & D.*, 24, p. 91), on the letters appearing in recent numbe your valuable paper, written by myself and another tributor from the assistants' standpoint. "Xrayser asks why men with such sound views remain emp and suggests lack of courage and possibly some defe character. He further kindly gives his own exper

identally mentions the assistance of a friend, who by usly supplying him with 700*l.*, was a great factor bling him to start on his own account. It is not f courage or any character deficiency that is the ing-block to having a "shot on our own account" case, and probably many others, but just the lack t kind friend with the 700*l.* loan. Many a man, lly if he is married, is unable to save anything on ges usually paid in the drug-trade, either those of or in pre-war times. Given the necessary backing, ss than the 700*l.*, I for one would not hesitate to e plunge, and I believe, with him, that the pro- of success to-day are better than ever they were. would like to know how "Jay Mack's" appren- s able to put by 1,000*l.* in ten years. I can only that he was fortunate in meeting masters willing much more than the average salary. My experience the reverse. To meet the high cost of living, which t 200 per cent. above the pre-war cost (although ard of Trade figures will only admit it to be 135 t.), it is absolutely necessary that salaries should eased all round. Without putting forward a fancy I suggest that a good business man, possessing the ceutical qualification, who has charge of a business, r a branch or not, is entitled to a minimum of 7*l.* plus a share of the net profits. The scheme I mind is one on co-partnership lines, and would act ect incentive to business enterprise, creating a per- nterest in the work undertaken. It would only be put into operation in those cases where a man ved his suitability to the satisfaction of his em- I assume, of course, that the latter is a man who red to agree to a square deal, and is satisfied with e without wanting the ha'penny also. The prin- entioned above could be extended so as to allow nager to acquire by degrees a real interest in the s, by having, if possible, the whole of his extra s in the concern, and ultimately (if both parties acquiring the business for himself. I am afraid put it rather crudely, but I trust my meaning is It seems to me that it is only on such lines as these nch businesses will need to be run in future in be successful and to attract the best type of men, of driving them to seek the better conditions of nent that are offered by some of the company

Yours faithfully,

FAIR PLAY. (28/4.)

Chemists' Duty to Customers.

Your article on the "Dispensing Chemists' Duty Customers" (*C. & D.*, April 17, p. 68) gives one think what the position would be if a patient tion against a doctor and associated the chemist as in the case of a chairman of a board of guar- But I do not think that an action of this nature old against a chemist, for his duty is to com- he prescription as written by the doctor and as to him by the customer, the prescription being perty of that customer, who has paid the doctor id for his advice. It is admitted that the phar- shall recognise and use his discretion with regard ual doses and chemical incompatibilities which ve dangerous effects, but I hardly think that tic incompatibilities come within his province, certainly could not be responsible for errors in s. With regard to therapeutic incompatibilities, e sometimes intentional, as, for example, mor- nd atropine injections, salicylate of soda, and otile, but a combination of digitalis and potassium though I have seen it both prescribed and dis- may give rise to trouble; and when it comes to of a proprietary medicine of which neither the or the chemist knows the exact chemical composi- ng to the maker keeping it secret, we cannot be l to foresee the effects it would have on the Doctors nowadays do not spend much time heir training on the study of pharmaceutics, and efore more dependent on ready-made doses, and ey prescribe these in conjunction or combination er drugs there is no knowing what compounds are formed. In the case of an error of diagnosis, if the doctor prescribed a remedy for one disease when the person was in reality suffering from another, the chemist does not enter into the responsibility at all, as in many cases he does not come into contact with the sufferer, and, if he does, it is not his business to question him or to diagnose the case, even if the chemist had the knowledge requisite to do so.

Yours faithfully,

IRRESPONSIBLE. (17/4.)

Legal Queries.

G. T. P. (22/4).—The point to observe about the sale of carbolic acid preparations containing more than 3 per cent. of carbolic acid or its homologues is that they are exempt from the restrictions imposed on Part II. scheduled poisons if used for sheepwash or purposes of agriculture or horticulture, put up in closed vessels, labelled "Poisonous," and with a notice of the special purpose for which the preparations are intended. The manufacture of poisonous articles is not restricted, nor is special qualification needed by the wholesale seller.

Phenacetin (20/4) asks what is his liability for excess profits duty for the year 1919 on the following figures, and whether any allowance will be made him for the lean years 1914-17. He commenced business in 1913 with a capital of 500*l.*, which he increased to 600*l.* on December 31, 1917, and again to 950*l.* on December 31, 1919. Pre-war profits, 200*l.*; year 1914, 340*l.*; 1915, 270*l.*; 1916, 340*l.*; 1917, 300*l.*; 1918, 660*l.*; 1919, 1,175*l.* [Excess profits duty is assessed for the whole period during which the duty is in force. Consequently the lean years average out with the more prosperous ones. An allowance is also made at the rate of 11 per cent. on 100*l.* increase of capital at the end of the year 1917. Taking the figures given by "Phenacetin," he is not liable for the duty for the year 1919, because of the sums brought to his credit from the allowances of the previous years, and there is still a balance of 272*l.* to his credit, which will have to be absorbed before excess profits duty will be payable by him in 1920 or any subsequent year.]

A. W. J. E. (15/4) sends us a copy of an agreement under which, in 1914, he became tenant of a house "for a period of nine years, terminating on March 1, 1923," at a rent of 2*l.* per month. The agreement is an informal one, and is signed by "A. W. J. E." and his landlord over a sixpenny stamp. "A. W. J. E." wishes to leave the premises in order to live nearer his work, and asks whether, in the event of his landlord refusing to release him, he could sub-let the premises at a higher rent than he is paying. [The document of which "A. W. J. E." sends us a copy is invalid as a lease, but would, in our opinion, operate as a binding agreement for a lease of the premises. In the circumstances, we consider that he is entitled to sub-let the property for the unexpired period of his tenancy; but he should bear in mind that before he could produce the agreement in Court it would have to be stamped as a lease, and as the time within which it should have been stamped is long past, he may have to pay a penalty, not exceeding 10*l.* As the premises evidently come within the provisions of the Increase of Rent Act, 1915, "A. W. J. E." cannot at present increase the rent except in respect of structural "improvements" if he executes any, or advances in rates compared with 1914, if he pays the rates.]

Appreciations.

For the Friday night Bible. [Subscription enclosed.]—*J. W. D.* (191/6.)

Enclosed please find cheque 20*s.*, subscription for another year. This is one of the best-spent pounds in the course of the year, as the *C. & D.* is worth considerably more.—*S. & T.* (45/15.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Ships' Medicine Chests.

H. C. R. (13/4) writes: Is there any business worthy of special consideration, from a chemist's point of view, done in connection with the supplying of ships which call at a seaport town having a dry dock, repair sheds, and other usual accommodation?

Quinine Wine.

"I notice in the *C. & D.*, March 27, p. 104, that a subscriber asks regarding the saleability of quinine wine which has been kept for some years. I found on one occasion a precipitate in some quinine wine, and, on going into the cause, I found it was because the wine had not been properly de-tannated. The tannic acid left in the wine formed a tannate and was thrown down as a whitish-brown precipitate. This is probably what has occurred in your correspondent's case. Filtering will clear the wine, but the strength of quinine is diminished.—*J. D. Carse.* (13/4.)

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

R. S. (13/4).—See reply to "Assistance."

R. & Co. (14/4) and *W. T. Co.* (27/3).—Wood's "Tablet Manufacture," published by J. B. Lippincott Co. at 7*s.* 6*d.*, is the chief work on this subject.

Assistance (20/4).—Your ex-apprentice should apply for a Government grant to assist him in paying his expenses while studying for the Qualifying examination. The particulars can be obtained from the local Employment Exchange.

S. A. (16/4).—Sollmann's "Actions of Drugs" is published by W. B. Saunders & Co. at 6*s.* 6*d.*

Knox (18/4).—Registration of Companies.—See *The Chemist and Druggist Diary*, 1920, p. 307.

Tonic (7/4).—Price of Prescription.—The following is the retail price of the prescription you send according to the London Chemists' Retail List:

Ferri et quin. cit.	gr. xl.	1*d.*
Liq. strychn.	mxx.	1*d.*
Sp. chlorof.	5j.	2*d.*
Inf. calumb.	ad ℥vj.	4*d.*
Misce. Signe: 5ij. t. in die ex aqua p.c.		
Dispensing-fee ...		9*d.*
Container ...		4*d.*
		1*s.* 9*d.*

J. F. B. (17/4).—(1) A fair retail price for the prescription you send is 5*s.* 6*d.*, this including a dispensing-fee of 9*d.* and 4*d.* for the container. The tax on the spirit is 6.4*d.* (2) If the local excise authorities are unable to supply you with Form 224 ("Declaration as to use of Immature Spirits and Application for Repayment of Additional Duty") you should write for a copy to the Board of Customs and Excise, Customs House, London, E.C.

Floreat Lindum (13/4).—It is difficult to give a definite opinion regarding the refractory boy without seeing him. His schoolmaster should be able to advise, but it may be as well to have the opinion of a specialist in mental disease before taking any disciplinary measures. Much can be done in such cases by persuasion exercised by the right person.

E. L. (20/4).—Hardwicke's "Sight-testing Made Easy" is published by J. & A. Churchill at 5*s.*

G. & Co. (19/4).—Kurchman's Solution is camphoræ hypodermica made by dissolving campho in sterile olive oil ɱv. by means of a drop or ether. This quantity is employed as a dose.

D. C. (24/4).—Removing Letters from Win These are generally removed by means of a knife. methods are to soak the edges of the letters with or paraffin, which act as solvents for the cemer has been used for affixing the letters. The method is slow acting.

G. A. B. (24/4).—Solid Perfume.—Particular given in the *C. & D.* January 10, p. 76, of the of making solid perfume with plaster of Paris bas

C. H. T. (27/4).—Sugar obtained on manufa vouchers can be employed for any purpose. The system effectually limits the quantity obtainable

J. W. L. (22/4).—No. 9 Army Pill is a well- pill, which has been rather popularised by the most soldiers have had to take this medicine durin Army life. The following is the formula:

Calomel,
Compound colocynth pill,
Compound rhubarb pill, of each
Make one pill.

J. R. (26/4).—Silvering Glass.—There are methods of silvering glass, the following being M process. Make the following solutions:

A. Silver nitrate ...	175 gr.	D. Pure sugar-candy	
Distilled water ...	10 oz.	Distilled water ...	
		Dissolve and add	
B. Ammonium nitrate	262 gr.	Tartaric acid ...	
Distilled water ...	10 oz.	Boil 10 minutes, cool, and add	
		Alcohol	
C. Caustic potash ...	1 oz.	Distilled water, to make	
Distilled water ...	10 oz.		

For use mix equal parts of A and B, and sepa equal parts of C and D. Then mix the two liqu the silvering vessel and suspend the mirror face ward in the solution.

G. B & Co. (23/4).—Rideal's "Disinfection and fectants" (Sanitary Publishing Co., 12*s.* 6*d.*) standard work on subjects it deals with.

Derby (65/32).—Cheap Perfumes.—In addition recipes given in "Pharmaceutical Formulas" (p. a selection is given in *The Chemist and Druggist* 1920, p. 311.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," May 14,

Examination Prescriptions.

Mr. Joseph Ince, like good Haroun Alraschid, r his power until the proper time arrives for its ben manifestation. He has the Caliph's grand way of app unexpectedly and setting things right. He deligh master-strokes. By his essay on Pharmaceutical read at the Nottingham Conference, he exhausted a that was thought to be inexhaustible. Four months offered our own students a prize for translation, an sented the fortunate candidate with the complete wo Chateaubriand in twenty-eight volumes. The task now in hand is nothing less than the formation of a Collection of Prescriptions for the use of students of macy. In our report of the last evening meeting Pharmaceutical Society, the nature of the work unde by our friend is explained. We learn that the first of the Society's Collection will contain the prescr furnished by Mr. Daniel Hanbury; the second, thos tributed by Mr. Charles Savory; the third, those re from Mr. John Mackay, of Edinburgh. We may be sure that Mr. Ince will not rest from his labours u has produced a library of reference which will be estimable value to pharmacists.



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1 Gross at **36/-** per dozen	**£21 12 0**
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	£17 5 7
Less **5**	**17 3**
	£16 8 4
Case (allowed for in full if returned)	**12 0**
Your cheque should be drawn for	**£17 0 4**

The charge of 12/- for case, which is included above, will be allowed for in full if case is returned carriage paid and in good condition.

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Butler & Crispe [(Lim.)
Clay, Dod & Co.
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Hodgkinsons, Clarke & Ward.
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Oldfield, Pattinson & Co.
Pinkerton, Gibson & Co.
Raimes, Clark & Co.
Raimes & Co.
Rankin & Borland.
Silversides, R. B. G.
Southall Bros. & Barclay.
Sumner, R & Co.
Taylor, James.
Thompson, John (Lim.)
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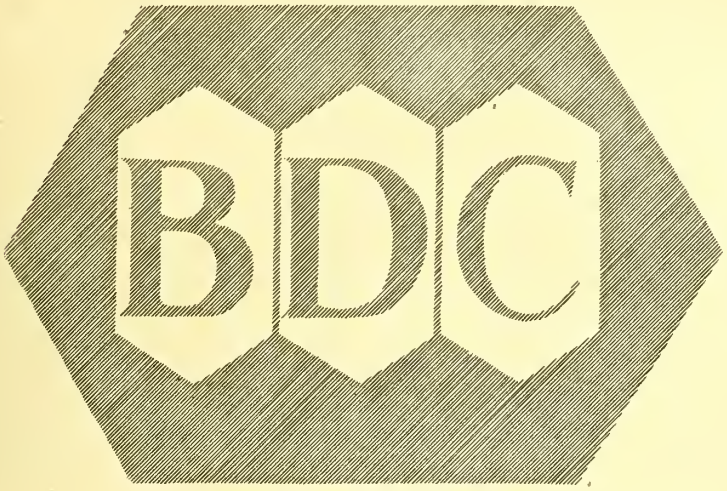
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Croci, Stig. Opt.	5/9 „	Sal. Limonis	2/- lb.
Cera Alb.	3/3 lb.	Sod. Benz.	4/10
Cera Flav.	2/7 „	„ Brom.	4/9
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Guaiacol Carb. Pur.	2/7 oz.	„ Hyoscy. 1914	4/9
Gly. Ac. Carbol.	2/6	1898	4/-
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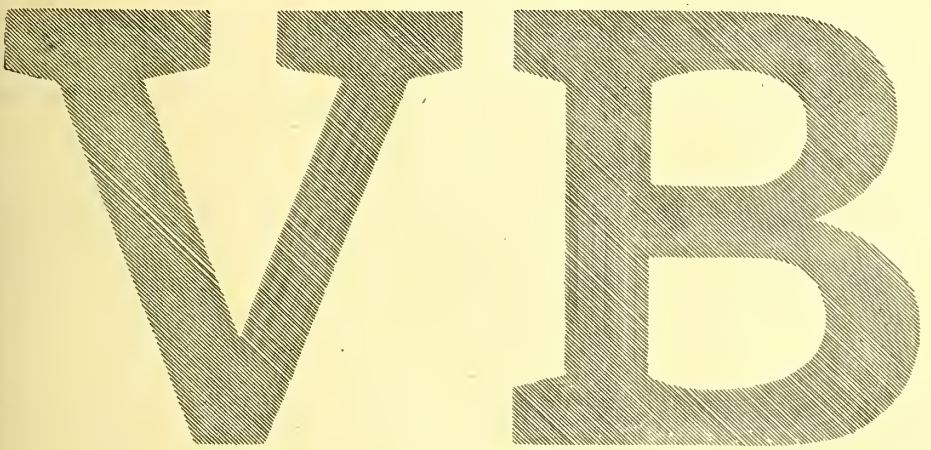
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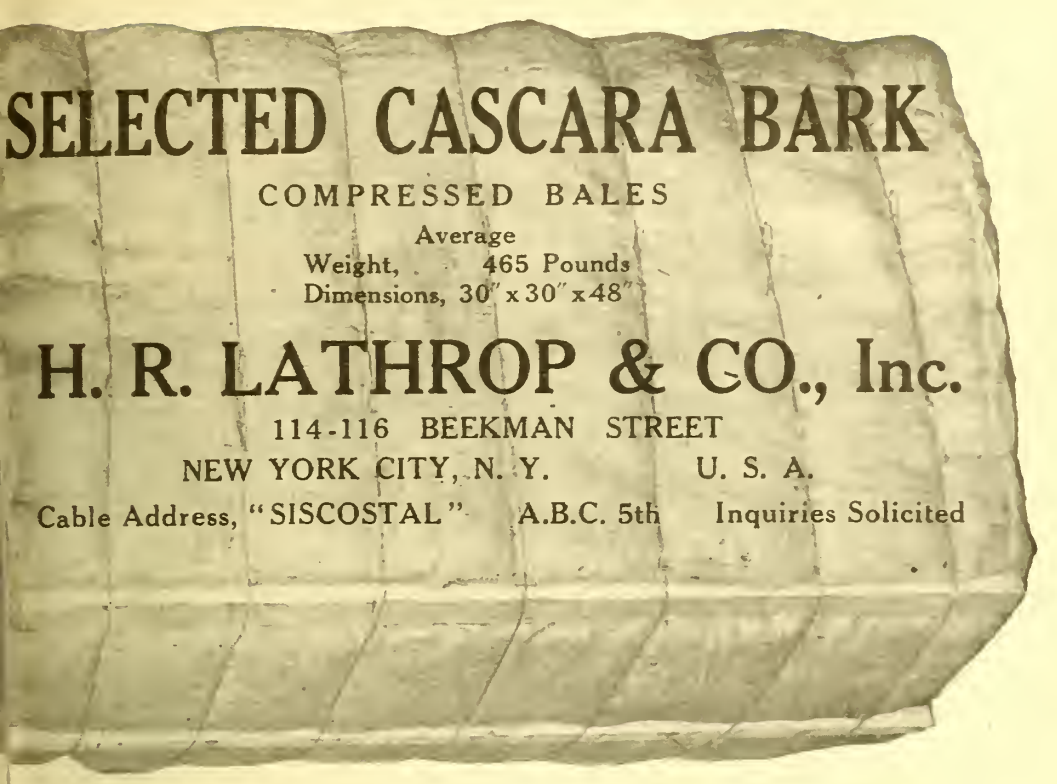
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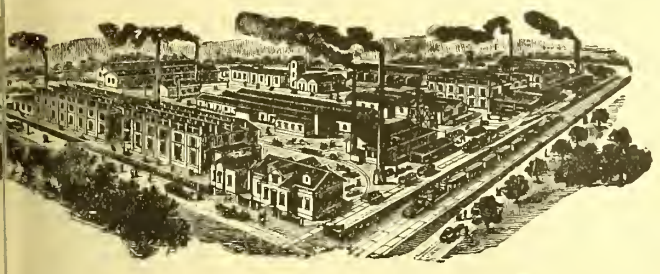
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Stocked by all Wholesalers. *Now being largely advertised.*

APONINE
(SOLUBLE)
Special Terms to Wholesalers and Large Consumers.
MANUFACTURED BY
C. W. FIELD, LTD.,
Cambrian Mills - - Liverpool.

Cephos
For NEURALGIA, HEADACHE, RHEUMATISM and INFLUENZA.
Write for wholesale terms to
CEPHOS LTD., Blackburn, Lancs.

RAPIDLY INCREASING DEMAND FOR



"ODDS ON" OILS

Liniment for RHEUMATISM, SCIATICA, SPRAINS, CHILBLAINS, COUT, LUMBAGO, NEURALGIA, CRAMP, &c.
WIDELY ADVERTISED. Retail Prices: 1/3, 3/- & 8/- bottles.
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The "ODDS ON" SPECIFICS CO., LTD., 36 & 37 Cock Lane, LONDON, E.C.1.



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CAPSULES & PERLES.

GUARANTEED OF STANDARD ACCURACY.

FINEST HAND-MADE PERLES

Keep clear, bright, and sound in all parts of the World. Special terms t large buyers of Flexible, Semi-Flexible, or Hard Capsules IN BULK, or Boxe & Bottled with Buyer's Name, &c. State requirements for Special Quotation

COLONIAL BUYERS

should indent for "ROBBINS' CAPSULES," and save all further trouble with this class of good Inquiries for Quotations Solicited. Labelling to meet requirements of Commerce Ac

SANTAL-PERLES (Original Package), **NESBIT'S SPECIFIC PERLE**
"APIOLOIDS," "CAPSULETTES DE HERCULES."
"CREASOIDS," "COD-LIVORINE," &c. (Trade Marks Registered)

These and other attractive, quick-selling, nicely packed articles may b ordered through any Wholesale Druggist or Shipper; Buyer's name on label

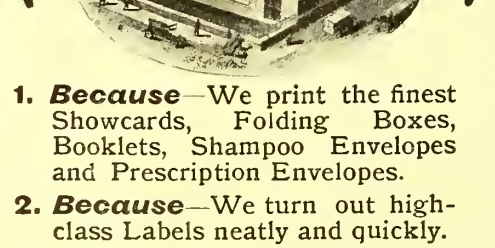
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SOME REASONS WHY

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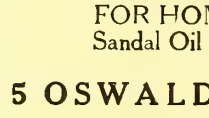
1. ***Because***—We print the finest Showcards, Folding Boxes, Booklets, Shampoo Envelopes and Prescription Envelopes.
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are the best vehicles for ng medicine in powder form. ey dissolve immediately an he drug is set free at onc

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Price Lists on Application.

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invites inquiries for all kinds and quantities of

Hand-Made Gelatine Capsules

FOR HOME OR EXPORT
Sandal Oil Capsules a Speciality

5 OSWALD ST., GLASGOW

ALL REACTIONS of the Body Fluids and Tissues are COLLOIDAL.

"Collosols" are pure and stable colloidal solutions, isotonic and isomorphic with the elements of the body.

CROOKES'
COLLOSOLS

"Collosols" are tested by ultramicroscopic bacteriological and clinical experiment.

COLLOSOL SULPHUR

Collosol Sulphur is not presented as a substitute for the Spa treatment of such affections where Spa treatment is available, but as a supplement to it. A course of treatment at a Spa can be followed up by the exhibition of Collosol should relapses occur.

For patients who are unable to take a course of Spa treatment, practitioners will find Collosol Sulphur invaluable.

It is prepared in five different forms—for external use and bath medication, for internal administration, for injection, and as a cream, with which the affected part is gently massaged. Also as an oil for the scalp.

Also the following COLLOSOL Preparations:—

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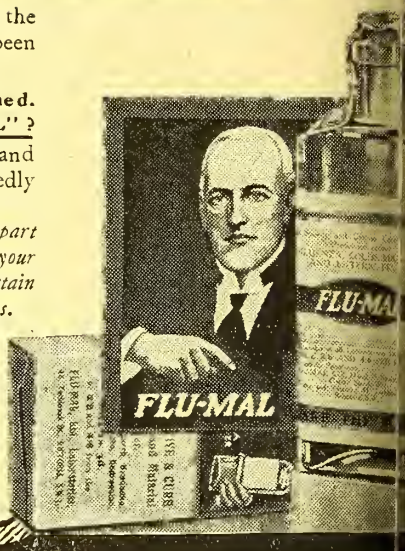
Messrs. Flu-Mal Ltd. believe it to be an essential factor in the promotion of sales. However good an article may be, the public need telling about it. Messrs. Flu-Mal have already spent many thousands in advertising to the general public, and you have doubtless already been repeatedly asked for " FLU-MAL."

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Their preparation is a preventive of Influenza, Malaria and kindred complaints, and the public are being told repeatedly of the best method of combating influenza.

There is an excellent profit in selling "FLU-MAL," apart from which you can be certain that you are handing your customers a preparation which is a real preventive and certain cure for Influenza, heavy colds, malaria and kindred diseases.

"FLU-MAL" IS A PROVED REMEDY, AND HUNDREDS OF TESTIMONIALS HAVE BEEN RECEIVED.



"FLU-MAL" is obtainable from your usual Wholesaler or direct from the Laboratories.

Retail Prices, 1/3 and 2/6, Extra Large sized Bottle, 4/6.

Write for particulars to—

FLU-MAL LTD., 44 Tachbrook Street, London, S.W.1.

Telephone: VICTORIA 7478.

SPECIAL OFFER.

CLINICAL THERMOMETERS

(All Government Certified.)

½-Min. Lens Front, @ **36/-** per doz.	½-Min. Round Front @ **32/-** per doz.
1 do. do. do. @ **33/-** „	1 do. do. do. @ **30/-** „
2 do. do. do. @ **31/6** „	2 do. do. do. @ **28/6** „

Each in Metal Case.

W. EDWARDS & SONS

157 Queen Victoria Street, 239 & 240 Upper Thames Street,

LONDON, E.C.

PRICE LISTS SENT ON APPLICATION

ORDERS CAREFULLY & PROMPTLY EXECUTED

WHOLESALE AND EXPORT DEALERS IN

Druggists' Sundries

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Proprietary Articles

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Telephone: HOLBORN 1311. Telegrams. "AMPSALVAS LONDON."
ew York: 1270 BROADWAY. Montreal: DANDURAND BUILDING. Paris: RUE CLAUZEL. Bombay: P.O. BOX 460.
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AMBRINE

e is the *Only Authorised Preparation* of the de Sandfort. We are compelled to state this, as there are various imitations.



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V THESE ON YOUR COUNTER, THE SALE IS CERTAIN.

Sp ial Visit to Military Hospitals in France.

e saw some wonderful cases of burns treated with
he effect seems to be practically to provide the patient
ne skin, to say nothing of a fresh complexion."
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PURE OXIDE OF TIN AND TIN METAL

STANNOXYL

Treatment of Staphylococcal Affections.

Oxide of Tin and Tin Metal Free from Lead.)

cientific production the value of which has been studied
ose). The effect is very prompt; from the second day of
ent e pain is relieved.
e majority of cases definite results are obtained within five
day it is seldom necessary to take the full ten days'
ent, and relapses are unknown.

FULL PARTICULARS ON APPLICATION.

GÉRAUDEL'S PASTILLES

ARE NOW ON P.A.T.A. LIST.

REVISED PRICES.

Retail Price - - 2/- per box.

Wholesale Price - 18/- per doz.

VALERIANATE

"Gabail"

ODOURLESS. TASTELESS.

Each 100 grammes of Valerianate "Gabail" contains:—

Extract of Valerian (French Codex) ...	10 grms.
Acid Valerianic	3 ,,
Ammonium Carbonate	q.s.

Whilst possessing the full medicinal value of VALERIAN the odour is entirely suppressed.

In bottles containing 125 c.c. per bottle **3/4**
,, ,, ,, 250 c.c. ,, ,, **6/-**
,, ,, ,, 500 c.c. ,, ,, **10/6**

Dose:—One teaspoonful.

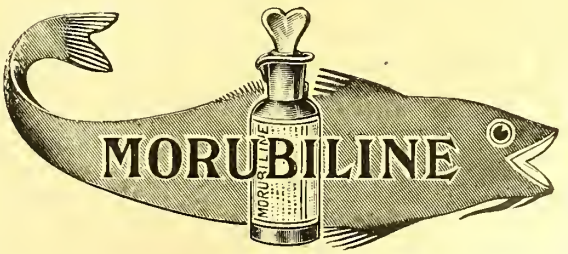
ELIXIR BROMO-VALERIANATE "GABAIL"

In bottles containing 210 c.c. per bottle **3/9**

Dose:—One tablespoonful.

FREE SAMPLES ON APPLICATION.

COD LIVER OIL SUPERSEDED BY



MORUBILINE

(REGISTERED)

EASILY DIGESTED.
OF AGREEABLE TASTE.
DOES NOT PRODUCE NAUSEA.

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.
LIVERPOOL - MANCHESTER - LEEDS.

Wells' Removable Bung Pour
(PATENTED).

For emptying Casks without Pump, Tap or Stillage. Applied to and removed from any cask instantly. All waste and mess prevented. More rapid in action than a pump. Will fit any ordinary cask from 20 to 60 gallons.

Does not damage the cask.



A. C. WELLS & CO. 90 Midland Road, St. Pancras, N.W.1 **LONDON.**

TECHNICAL AND MEDICINA WHITE OILS.
PETROLEUM JELLIES.
PARAFFIN WAXES.
NEUTRAL OILS, Debloomed and Undebloomed
PALE & RED LUBRICATING OI
CYLINDER OILS.

W. J. SMITH, *SOLE EUROPEA REPRESENTATI*
THE JAMES B. BERRY'S SONS CO. L
110 Cannon Street, London, E.C.4.

METHYLATED SPIRIT

OILS AND CHEMICALS

Buy from one of the oldest houses in the trade.
Write for Prices. *Established 1794.*

SAMUEL THORNLEY, Ltd., Birmingham.

D.D.D. Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of about 25%

TRADE PRICES.

		per doz.
D.D. Prescription 3/-	bottle, M.R.P. Face Value, @	27/-
„ 5/-	„ „ „ „	47/-

In two strengths Ordinary and Strong.

		per doz.
D.D. Soap	1/3 tab. M.R.P. Face Value, @	10/-
Shaving Soap	1/6 stick „ „ „ „	13/6
Vanishing Cream	2/6 jar „ „ „ „	22/6
Shampoo Powders	2/6 box „ „ „ „	22/6

Carriage paid to any part of the United Kingdom.

Showcards &c. Supplied Free.

D.D.D. Co., Ltd.

3, 7 Fleet Lane, Ludgate Circus, London, E.C.4

Paraffin Wax, B.P.

also

For Immediate Delivery

Liquid Paraffins, B.P.
Petroleum Jellies, B.P.
Technical White Oil.
Toilet Paraffins.
Brilliantine Oils.
Spray Oils.
Slab Oils.

Samples and Competitive Prices on Request.

The William Browning Co., Ltd.,
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Telephone : Hampstead 4046.



By Gum it sticks!!

"RIS" GUMMED TAPE

Write for Samples & Prices.

R. A. STEPHENSON, LTD.,
13 Queen Victoria Street, London, E.C.4

"CORRUGATED"

ROLLS & BOXES (Collapsible)

Cut Pieces. Cartons for Packing. Waxed Papers. Greaseproof Papers. Waxed Corrugated. Tinted Corrugated. Strong "Outers."

SPECIAL OFFER:

20,000 cut pieces, $25\frac{1}{4} \times 1\frac{1}{2}$

at 14/- per thousand. Delivered free.

Complete Packing Schemes. Keenest Prices.

Inquiries Welcomed.

IMPORTANT,—Address all letters to :

I. M. RICHARDSON, *Manager*,
GUILDHALL CORRUGATED PACKING MATERIALS CO.
Guildhall Buildings, Navigation St.,
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ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED
IS MANUFACTURED BY
THE PHARMACEUTICAL LANOLINE C.
Carnwath Road, Fulham, London, S.W.
WHO INVITE INQUIRIES.

ADEPS LANÆ
B.P.
"ULTRAVI" Brand.
The Latest & Best.

— Inquiries Invited. —

THE
C.V.O. Chemical Works,
LIMITED,
Petersham Road,
RICHMOND (SURREY).

PURE
OLIVE OIL
OLIVE OIL
(GENUINE CASTILE)
SOAP
LEON FRENKEL,
10 Lime Street, LONDON, E.3.

"LANZONE" BRAND LANOLIN B.
IMMEDIATE DELIVERY
FROM STOCK.
THE PRODUCE BROKERS CO., Ltd.
24-28 ST. MARY AXE, E.C.3.
TELEPHONE: AVENUE 3410 (9 Lines). TELEGRAMS: "SYNTAX LONDON."

OLIVE OIL

The position is very acute, and it is almost impossible to obtain further shipments. Buy your requirements of Edible Oil before :: :: the season commences. :: ::

FINEST FRENCH. The best quality on the market.

FINEST SPANISH. Cream Edible.

We can also supply very advantageously :

ESSENTIAL OILS (all descriptions) **CASTOR OIL**
CREAM OF TARTAR, 99/100 B.P. **SARSAPARILLA**
LIQUORICE BLOCK AND STICKS **HYDRASTIS**

CASTILE SOAP WHITE MOTTLED

ETC. ETC.

LOWEST PRICES. HIGHEST QUALITY.
STRICTLY WHOLESALE. SAMPLES, PRICES AND FULL PARTICULARS ON APPLICATION.

F. CHIESMAN & CO.,

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AND AT LIVERPOOL, GLASGOW, BRISTOL, ETC.

BISHOP'S
Natural Fruit Saline.

THE BEST SELLER.

This preparation, our latest Saline, made by our special process, without **Sugar** or **Saccharine,** is a unique Saline. It is strongly effervescent and delightfully palatable, making a bright, refreshing draught which acts as a mild but very thorough aperient, anti-acid and liver stimulant.

Bishop's Natural Fruit Saline is taken regularly with pleasure and safety by men, women and children all the year round. This steady demand makes it a profitable winter line. It keeps perfectly in all climates.

The Wholesale price is **20**/- per doz. On £5 lots, discount **10**%, and carriage paid.

The P.A.T.A. Retail Price is **2**/**3** per bottle.

This ensures a profit of **9d.** per bottle to the chemist.

Prepared only by

ALFRED BISHOP, LIMITED, 48 Spelman Street, LONDON, E. 1.

BURROW'S
MALVERN WATERS

(Bottled only at St. Ann's Well, Malvern)
BRITISH and BEST of TABLE WATERS.

BURROW'S MALVERN WATER (still). The Purest Natural Spring Water.

BURROW'S MALVERN WATER (sparkling). The Natural Water simply Aerated.

"Malvernia" (Regd.)

"MOLLY"

An Alkaline Sparkling Table Water, invaluable in cases of Gout, Rheumatism, Acidity, Stone, Gravel & Kidney Complaints.

Mixes well with Wines and Spirits.

BURROW'S GINGER ALE, LEMONADE, GINGER BEER, prepared with the MALVERN Water, and only the purest and most reliable ingredients are employed.

Price List and all particulars may be had upon application to:—W. & J. BURROW, LTD., THE SPRINGS, MALVERN; or from the Sales Management, LONDON STREET, PADDINGTON, LONDON, W. Telephone Padd. 1810.

Distributing Centres:
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LOSALL'S SAIT

SELLS FREELY & READILY

PAYS 50% ON OUTLAY

An Infallible Remedy for

GOUT, RHEUMATISM, ECZEMA, and SKIN AFFECTIONS.

	P.A.T.A.	Doz.	
4 oz. Tins	1/-	8/-	net
8 oz. Tins	1/10	15/-	„
Bottles	2/6	20/-	„

The only line of its kind on the market.

SOLD EVERYWHERE.



Manufactured by
LOFTHOUSE & SALTMER, Ltd., HULL

YOU WILL MAKE OVER

33⅓% PROFIT

ON TURNOVER.

The record sale for G. O. Lemonade in one Pharmacy in 1919 was over £100 worth at Selling Prices.

ORDER YOUR BONUS PARCEL — QUICKLY.

WE knew that G. O. LEMONADE would create interest at Stand 26 at the Chemists' Exhibition, but the actual sales have exceeded our expectations. The Exhibition Bonus Parcels were in evidence, and they were "snapped up" by live pharmacists in readiness for the hot weather demand.

G. O. LEMONADE

will be very much in evidence this summer. Have you secured your Bonus Parcel? Order now to prevent delay later. Rapid Sales. No Dead Stock.

BONUS PARCELS.

The two following suggested BONUS PARCELS comprise all the sizes, and show you a clear Profit on Turnover of over 33⅓ per cent.:

No. 1 Parcel—			No. 2 Parcel—		
1 gross 2d.	=	0 17 6	½ gross 2d.	=	0 8 9
9 dozen 3½d.	=	1 2 6	7 dozen 3½d.	=	0 17 6
1 dozen 1/3	=	0 10 6	1 dozen 6½d.	=	0 4 6
		£2 10 6	2 dozen 1/3	=	1 1 0
					£2 11 9
(1 dozen 6½d. free in payment for display.)			(1 dozen 6½d. free in payment for display.)		

Sent Carriage Paid direct for Cash with Order, or through your Wholesale House.

Bonus Parcel can be varied to suit customer's requirements.

The GREENWICH LEMONADE CO., 11 John Penn St., S.E.13

(J. MILNER, M.P.S., Proprietor)

Phone: 947 Greenwich. Telegrams: "Cortlimon, Dept, London."



THE CHEMISTS' APERIENT MINERAL WATER

Aquaperia (Harrogate)

P.A.T.A.

2/6 per doz. allowed for Empty Bottles returned Carriage Paid, to our Factories

Standardised & Bottled by CAMWAL, Ltd., at their Spring at Harrogate.
Supplants Apenta, Hunyadi-Janos and German and Austrian Waters of similar Character

Of all Wholesale Houses, and "CAMWAL" LTD.

HARROGATE, MANCHESTER, BIRMINGHAM, BRISTOL, MITCHAM, LONDON, & DEPOTS.

Special Export F.O.B. quotations, including packages.

WINCARNIS

Sells readily ALL the time.

COLEMAN & CO., Wincarnis Works, NORWICH.

IMPORTANT NOTE TO CHEMISTS WITHOUT LICENCES

It has been established by law that Registered Chemists may sell "Wincarnis with Quinine" *without* a licence.

CARVER'S
TONIC SALTS

A COMBINED NERVE TONIC AND BLOOD PURIFIER.

Invigorates and Purifies the Whole System.

Attractively packed.

Shows 50% Profit to you.

Price in gross lots, per **100/-** gross.
Carriage Paid.
Less Special Stocking Bonus of 5%



4 oz. Size Retailed at 1/-

A scientifically prepared Effervescing Saline, possessing medicinal properties superior to the ordinary Health Salts

A FREE TIN

will be sent for your personal trial on receipt of application on letter heading.

Sole Proprietors—
JOHN CRAMPTON & CO. LTD. DEANSGATE, MANCHESTER.

VIALS 1 dram **6/6**; 2 dram **7/-**; ½-oz. **9/9**; 1 oz. **13/9**; 1½-oz. **14/9**
2 oz. **15/9** gross. 6 gross assorted, Carriage Paid Great Britain
Half-Carriage Ireland. Cash against invoice only.

TOOTH BRUSHES 1/- line, bone handles, **5/9** doz.
1/6 line, celluloid handles, **6/9** doz.
P.O. **12/6**, 1 doz. each. Satisfaction guaranteed.

SEIDLITZ POWDERS Lowest Prices in the Trade. Write for quotations.

CAMOMILE FLOWERS, BEST
2/3 lb.; 7 lb. **2/2**; 14 lb. **2/1** lb.

SAFROL **8/6** lb.; 6 lb. **8/3** lb.; 10 lb. **8/-** lb. Carriage Paid.

SULPHUR TABLETS Orange-flavoured; in 7-lb. boxes
14 lb. **1/10**; 56 lb. **1/8**; 2-3 cwt. **1/6**; lb. Carriage Paid 100 miles
28 lb. **1/9**; 112 lb. **1/7**; 5-10 cwt. **1/5½** lb. London or Manchester.
Special Terms to Wholesalers and Large Buyers.

ROSS MANUFACTURING CO., 92 Kirkdale, Sydenham, S.E. 6
and George Street, Patricroft, Manchester.

CLARK'S LIVER SALT

Makers :
NEWBALL & MASON,
NOTTINGHAM.

Proprietors of **MASON'S EXTRACT OF HERBS and WINE ESSENCES**

Please ask for quotations.

Extract of Malt

and

Cod Liver Oil

IN BULK, JARS OR TINS.

Prices on application.

THE BRITISH DIAMALT CO.
BISHOP'S STORTFORD.

Proprietors { H. A. & D. D. TAYLOR
H. D. & C. T. TAYLOR



The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

BOAKE ROBERTS

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash, Vanilla

A. Boake, Roberts & Co. Ltd.
Stratford, London, E15.

Natural Mineral Waters

WE beg to inform the Trade that we are now regularly receiving consignments of Natural Mineral Waters from the Continent and other parts of the World.

AESCULAP
AIX - LES - BAINS (DEUX REINES)
ALET
APENTA
APOLLINARIS
BARIUM
BONNES
BOURBOULE, LA
BUFFALO-LITHIA
BUXTON
CARLSBAD
CARLSBAD SPRUDEL SALT
CHALLES
CHATEL GUYON
CHELTENHAM SPA
CONDAL
CONTREXEVILLE-PAVILLON
COULSWORTHY
EVIAN-CACHAT
FARRIS
FLITWICK
GIESSHUBLER (MATTONI)
HUNYADI JANOS
INSALUS
KREUZNACH
KRONENQUELLE
LEAMINGTON SPA
LEVICO
MALVERN (ALPHA)
MONT DORE
MONTMIRAIL
MONTREUX
NOCERA UMBRA
PELLEGRINO
PERRIER
PLOMBIERES
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RUBINAT-SERRE
ST. BOES
ST. GALMIER
ST. MARCO
SANGEMINI
SELTERS (IN STONE JUGS)
STRETTON
SULIS
TANSAN
VALS
VICHY-CELESTINS
Do. HOPITAL
Do. GRANDE GRILLE
VITTEL
VILLACABRAS
WOODHALL SPA
WOODHALL MOTHERLYE

PRICES OF THE ABOVE QUOTED ON APPLICATION.

Any Natural Mineral Water not in stock, if procurable, can be imported to special order during the Season.

INGRAM & ROYLE, Ltd.

BANGOR WHARF, 45 BELVEDERE ROAD, LONDON, S.E.1.

Telephone: HOP 4343 (2 lines). Telegrams: "INGRAM ROYLE, WATLOO, LONDON."

LIVERPOOL, 19 South John Street.
Telephone: BANK 4528. Telegrams: "CELESTINS LIVERPOOL."

BRISTOL, Bath Bridge.
Telephone: 1113. Telegrams: "SPRUDEL BRISTOL."

CHEMISTS! 100% Profit.

A great publicity campaign for the sale of the renowned French purgative

CITON

will be inaugurated in the general Press next month.

Citon Tablets have been in use in France for many years past, and the highest medical authorities (University Professors and others) have testified as to their great efficacy.

We ask the assistance of Retail Chemists in making this remedy known to the Public, and with this end in view we offer them

100% PROFIT on Citon Tablets.

Each box contains 36 tablets of the size and taste of a peppermint or chocolate lozenge. Children especially delight in taking a Citon tablet.

Wholesale Price 12/- per doz. + 6d. duty = 18/- per doz.
Retail price, 2/6 per box.

Terms: Cash with order. Minimum quantity 3 dozen.
Orders executed strictly in rotation.

SOLE AGENT (U.K. AND COLONIES)—

MARCEL BLOCH

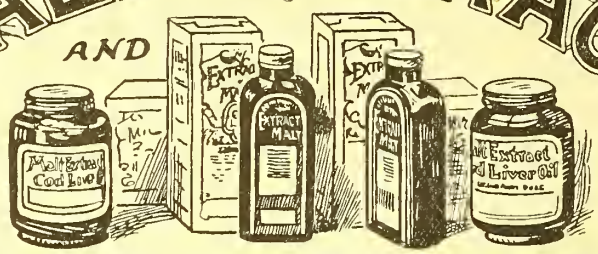
30/32 Ludgate Hill - - LONDON, E.C. 4.

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Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

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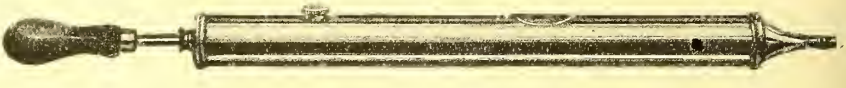
Telegrams: "Perryope, Nitshill "Perryope, Led, Londc

NITSHILL, near GLASGOW.

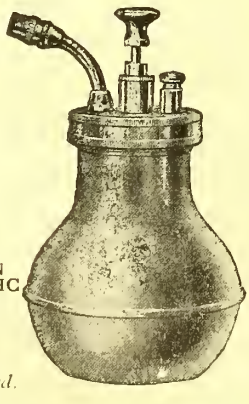
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DISINFECTING *and* PERFUME SPRAYERS.



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These Patent Sprayers are most useful and effective for Perfuming and Disinfecting Hospitals, Sick Rooms, Nursing Homes, and Private Dwellings by using the

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THE NEW FOOD FOR GROWING CHILDREN
is now in great demand

CHEMISTS CAN OBTAIN IT FROM THEIR WHOLESALERS

RETAIL PRICE	WHOLESALE PRICE
2/3 per jar	21/7 per doz.
4/3 ,, ,,	40/9 ,, ,,
8/- ,, ,,	76/10 ,, ,,

Manufactured by

CALLARD & CO.

CALLARD, STEWART & WATT, LIMITED,
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PURE ORANGE WINE

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LL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley, N. F. Cocoa, Biscuits, Wholemeal, &c.

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e issue a list of WHOLESALE HOUSES who keep above in if for any reason you have difficulty in obtaining supplies, please ostcard direct to us, and a list will be sent to you by return.

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All advertising matter—Booklets, Window Displays Showcards, etc., free on application.

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remember the advantages of the "ENERGEN" Brand.

Prescribed by leading Specialists.
Carry a good profit to the Chemist.
Inquiries invited.

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TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY Co., Ld.

The Largest Makers in the United Kingdom.
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OYLERS' TRANSPARENT RUBBER TEATS

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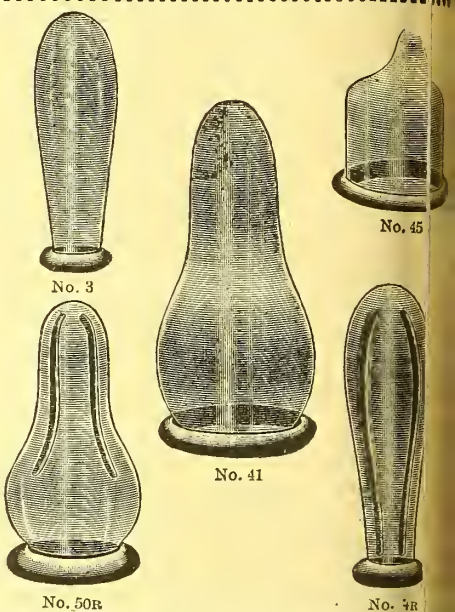
IN THEIR PARTICULAR PROVINCE as they are of the best manufacture, standing all tests, including boiling—are easy for the baby, and possess the characteristics of great clearness. All parts accessible and durable.

SPECIAL DESIGNS FOR SPECIAL HOME AND OVERSEAS MARKETS.

Write at once to your wholesaler and get the share of the business in your district.

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Real Good Lines

Pumisope "The Hand Cleaner."

Dry Cloth-cleaning Balls
(All Colours)

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Magnesia, Rouge,
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HANCOCK'S, LTD.
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IMPORTANT

It is not generally known that Corks made of Rubber are to-day 25% cheaper, are more serviceable, reliable, and give greater sealing facilities than any other kind. We specialise for the requirements of the Chemical Trade, and manufacture all standard sizes.

	Drab Ammonia Proof.	Drab Acid Proof.
Prices for 8-oz. Bottles ...	3/3	4/3 per gross
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SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for ½-gal. and 1-gall. Jars.

RED & BLACK RUBBER CORKS of the Best Quality for Laboratory use.

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Manufacturers of all Rubber Specialities for Medical, Chemical & Laboratory use

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The picture represents the design, but the original is an Artistic Coloured Envelope.

'HE "POPPY" CORN SILK (Emp. Acid. Salicylic c. Cannab. id.) is of the Highest Quality and Guaranteed Strength.

IT IS

A QUICK-SELLING LINE

PRICE **48/-** PER GROSS.

COLOURED SHOWCARDS FREE.

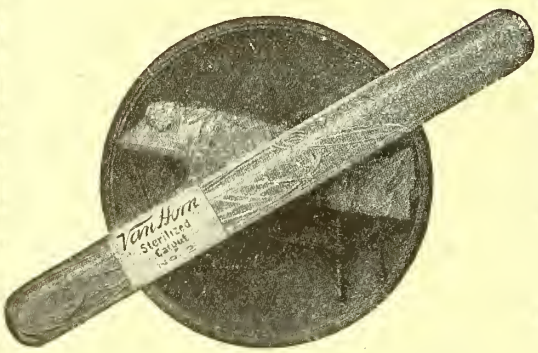
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A. de St. Dalmas & Co., Ltd.

Medical Plaster Manufacturers, **LEICESTER.**

The thought behind the tube—

"the patient on the table"



Not "good enough," but the best from every standpoint—alone assures that degree of "Catgut Safety" demanded when the patient on the table is "one of my own family."

Only on this peculiarly personal basis is

"VAN HORN" CATGUT

supplied to the Profession.

VAN HORN Obstetrical Suture
(Chromic Gut)

K-Y Lubricating Jelly
An Ideal Emollient.

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SPHAGNUM.—The Turf Moss is the *most absorbent* and generally useful surgical dressing. It absorbs twenty times its weight of moisture.

As compressed by us in sheet form it is pre-eminently convenient. The sheet may be used as it is, or loosely crushed and placed in extemporaneous muslin bags.

The moss in this form swells up the moment the moisture comes in contact with it, and the dressing so formed is *resilient, spongy,* and *comfortable* to the patient.

Being compressed, it is ideal for storage and transit.

SAMPLES AND PRICES AT YOUR DISPOSAL.

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Telegrams: "Martindale, Chemist, Wesdo, London" (3 words).
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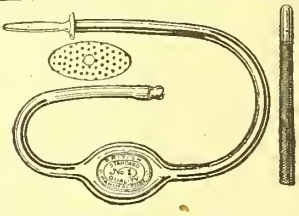
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Rubber, Helmet Shape, Stockinette Band, 26/8 (
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Fancy Patterns 14/-, 16/-, 21/9, 28/-, 31/6, 40/- (

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THE DEVILBISS CO., LIMITE
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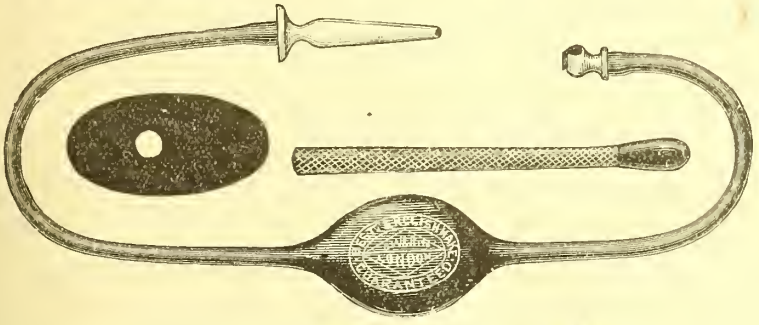
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Surgical Rubber Goods
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Wholesale only. *Prompt delivery.*

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THE BRITISH RUBBER MANUFACTURES, LIMIT
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Dozen 9/-



Per Dozen 29/-

GUARANTEED FOR 2 YEARS.

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No. 987.—The **"B.E.M."** (best English make) with bone rectal pipe, etc., complete in superior card box, per doz.		29	0
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SPECIAL LINE.—Stout unpolished red rubber, in card box	,,	33	0

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ASTIC GUM SURGICAL INSTRUMENTS.



atheters and Bougies, in Black or Brown Gum, and Finest Silk Web. Specula, Rectal and Œsophageal Instruments, orse Catheters and Cattle Probangs. Wholesale and Export only. *Price List from the Manufacturers.*

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Surgical Appliance Manufacturers.
Manufacturers of Surgical Abdominal Belts, Ladies' and Gents' of every description.
WHOLESALE ONLY.
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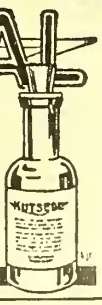
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A limited stock of
THE BRITISH
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RAZORS
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Price 25/- Dozen
Black Vulcanite Handles
Samples sent if desired.

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THE HEALER

The Liquid Antiseptic Court Plaster

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TRIAL BOTTLE POST FREE ON RECEIPT OF 1/3
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Wholesale Price 11/6 per doz.
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LONDON AGENTS:
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Why Demand is still Growing.

Demand for the Nestlé Feeding Bottle is still growing—and it is growing because it is superior to any other feeder on the market. Its many advantages are so evident that mothers, thinking of the safety and comfort of their babies, are insisting upon the Nestlé Feeder.

The teat and rubber valve of the Nestlé Feeder are made with inner rolls which automatically cling and cannot be pulled off by the child. There is not the usual danger of swallowing the teat as in many other feeders. Pure plantation rubber is used in the manufacture of the teat and valve. Colic is prevented by the rubber valve regulating the flow of air behind the milk. This valve also ensures a steady milk flow in accordance with baby's need.

The central base, tapering flat under surface of the virgin glass feeder enables it to be tilted to, and remain in, any desired position. This saves the time usually occupied holding the feeder. It holds more—the feeding capacity is 10 oz.—sufficient for any child at one feed.

NESTLÉ Feeding Bottle

Every part of the Nestlé Feeder, including box, is British made. Every Feeder is sterilised before leaving the factory.

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VULCANITE
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WHIRLING SPRAY CANUL
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Also in stock
BONE SOOTHER MOUN
" " SHIEL
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SAFETY RAZORS and BLADES
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Finest stout Rubber Ball and Vulc te Mount. In Red Velvet and Red En el finish. Each in box.

54/- per dozen.
3-dozen lots and upwards,
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Telegrams: "Aybelim, Finsquare, London."
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Style of Advert. in Local Paper.



Your Business advertised FREE for 12 months

You want more Customers—You want more Sales—and the profits they bring you. Your profits on corn cures are limited. You can't sell more cures without some inducement to bring in more buyers—new customers. During the next few weeks we want to appoint a sole agent in every town.

OUR "MOOVIT" CORN PENCILS WILL SELL THEMSELVES.

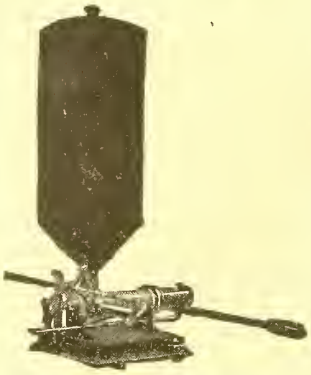
They are attractively packed in display boxes, with striking posters, dummies and advertising matter. Unless you want your competitors to reap the harvest of the Campaign, send your order with cheque £5 14s. to-day. Goods carriage paid.

A BUSINESS PROPOSITION

Sell 12 doz. "MOOVIT" CORN PENCILS at 1/3 -	£9	0 0
Cost - - - - - 9½d. -	5	14 0
Profit -	£3	6 0

We guarantee to insert fifty-two weekly insertions of a 2-in. illustrated advertisement of "MOOVIT" Corn Pencil in your Local Paper, with your name inserted as Sole Selling Agent. We will guarantee to buy back all unsold Corn Pencils on your shelves or in your stock-room at the end of the season, if you feel that you cannot dispose of them.

TALBOT WILSON (Howard, Stevens & Co. Ltd., Proprietors),
20 Highgate Rd., London, N.W.5

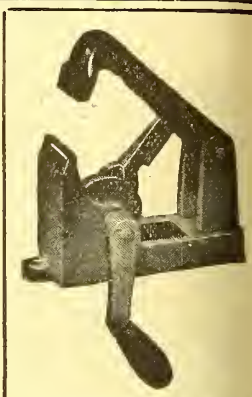


Tubes, Jars, Pots, Filling Machine.

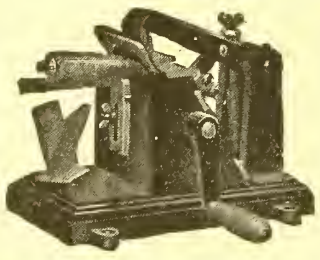
The "CENTRAC" Machines

for filling bottles, collapsible tubes, pots, jars, etc, and for closing collapsible tubes.
Hand or Power Driven.

Made in England.
Strong, Simple, Reliable.
Easy to Work.
Inquiries Solicited.

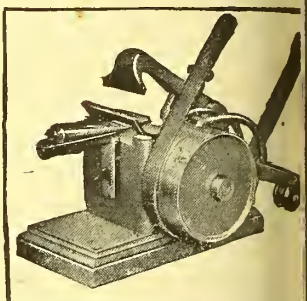


Clip Fastening Machine.

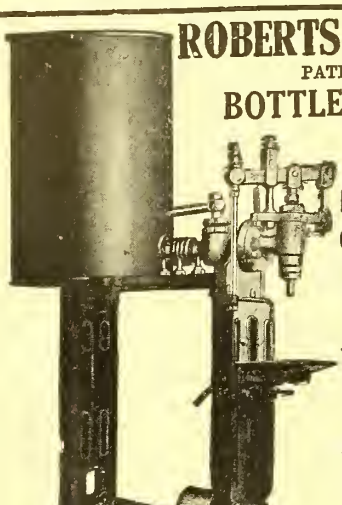


Hand Tube Closing Machine.

SOLE MAKERS:
THE BANISTER STREET WORKS, LTD., Engineers,
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Telegraphic Address: "Clotula, Hack, London."



Power Tube Closing Machine.



ROBERTS' ORIGINAL PATENT BOTTLE-FILLING MACHINES

Don't waste money on imitations, buy **Roberts' Machines** which actually **Created the Records** for **CLEANLINESS SIMPLICITY, and Rapidity in Bottle Filling.**

NOTE the address

"Nelson." ROBERTS' PATENT
FILLING MACHINE CO.,
33 ROUNDCROFT ST., BOLTON.
OUR LATEST PATENT "ALPHA" PRICE £14, WILL FILL 10 GROSS BOTTLES PER HOUR.
Write for Particulars. *All rights reserved.*

WHITEPHILL.

The BEST & CHEAPEST
White Dense and Filler, especially suitable for Dental Creams, Powders, etc.
Prices and samples on application.
The Whitephill Co., St. Austell.

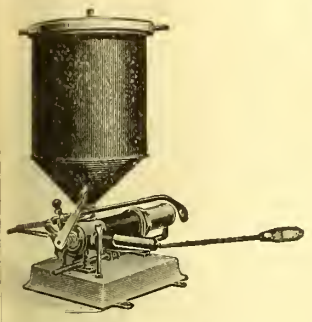
ASBESTOS FILTER FIBRE

Specially prepared for the filtration of Water, Beer, Spirits, Vinegar, Wines, Gelatine, Pharmaceutical Products and Essences.

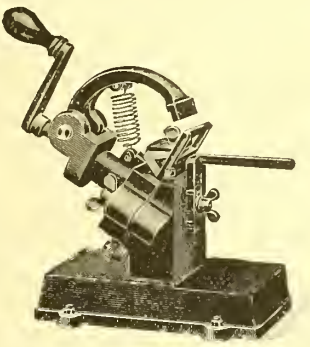
GIVES A CLEAR AND SPARKLING FILTRATE AT A MINIMUM COST

PURE, NEUTRAL AND INSOLUBLE

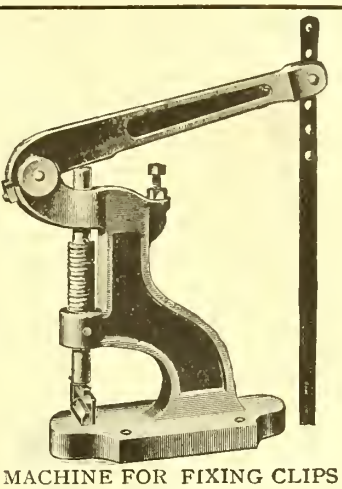
Write for Samples and Prices to
TURNER BROTHERS ASBESTOS CO., Ltd
ROCHDALE, England.



ACHINE for FILLING COL-APSIBLE TUBES. From 1 to) gallons CAPACITY. Output 30) 40 gross tubes per day.



MACHINE FOR CLOSING AND FOLDING COLLAPSIBLE TUBES. Suitable for all sizes of tubes. $\frac{3}{8}$" to $1\frac{1}{2}$" dia.



MACHINE FOR FIXING CLIPS to ends of collapsible tubes.

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BROOKS, PEEL & CO., LIMITED

24 CITY ROAD, LONDON, E.C. 1.

ANUFACTURERS of Collapsible Tubes in LEAD, TIN-COATED and PURE TIN. SPRINKLERS for PERFUMES, BRILLIANTINE, CREAM, &c. SCREW-CAPS for JARS, &c., in WHITE or LACQUERED TINPLATE, NICKELLED ZINC, ALUMINIUM, &c. SHAVING-STICK CASES, LIP SALVE TUBES, &c. &c.





APPRECIATION!

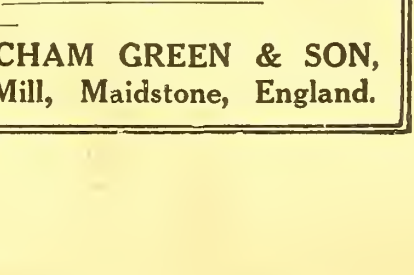
DEAR SIRS,—**The Bottle Drying Machines** have worked satisfactorily from the beginning; in fact, we do not know how we should have managed without them.

We find the Dryers particularly useful when dealing with "rush orders," which call for large quantities of bottles, as the bottles can be washed and dried—in considerable quantity—inside an hour, whereas under the old system it would have taken the best part of a day, and then the bottles would not have been so completely dried as under the present system.

Yours faithfully,
W. B. CARTWRIGHT, Ltd.,
Rawdon, near Leeds.

Sutcliffe Ventilating & Drying Co., Limited,
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Telephone No. : CITY 3920. Telegraphic Address : "VENTILABRO."



"J. GREEN"
British Made
Filter Papers
CORRESPONDING TO THE GERMAN
Nos. 595, 597, 598, 602, 604, etc.
ALSO
Ashless Filters
to replace German and Swedish makes.
589[1.]—589[2.] 589[3.]—207.
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SOXHLET THIMBLES.
FOLDED FILTER CIRCLES, etc.

For Samples and Prices apply to any of the leading Laboratory Furnishers.

Makers—
J. BARCHAM GREEN & SON,
Hayle Mill, Maidstone, England.

You wouldn't dream of sending your customers to "the other man"—

and yet this is what happens if you are asked for "Movol" and don't stock it.
The "Movol" Magician is effecting wonderful economies by restoring stained linen to snow-white purity. Hundreds are learning daily of this magic power over ironmould stains . . . perhaps some of your customers are buying "Movol" from the other man."



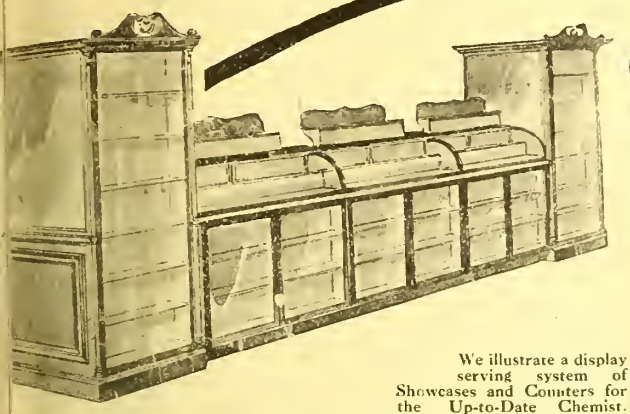
By a judicious display of "Movol" Showcards and a moderate supply of handy Tubes, these ladies will come your way. And why not ?

TRADE MARK
MOVOL
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Removes Ironmould, Rust, Fruit and Ink Stains from White Linen, Clothing, Marble, etc.

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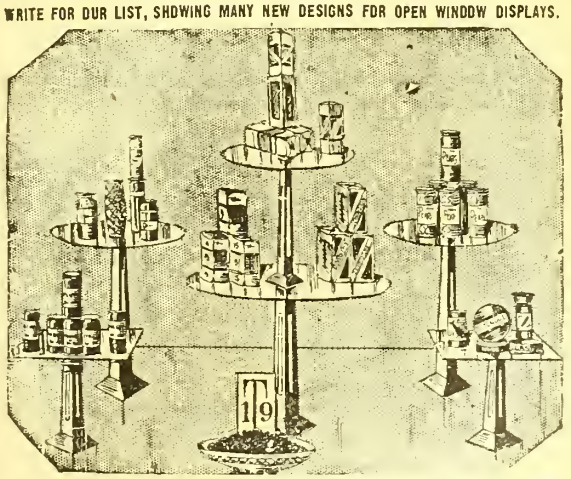
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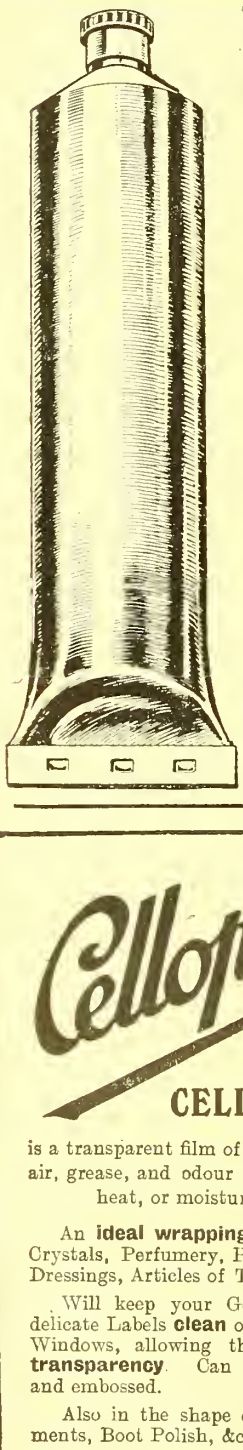
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Let your collapsible tubes be more than mere containers

REMEMBER—the prospective customers see the tube first. When you are ordering your next supply get Venesta Tubes, they have that quality and finish that is going to help you sell the goods.

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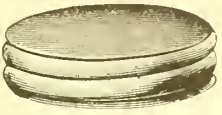
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DISINFECTANT MEASURES IN ALUMINIUM. TWO SIZES.

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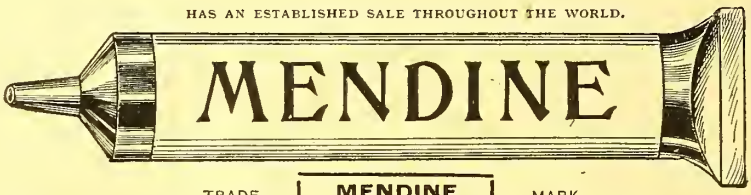
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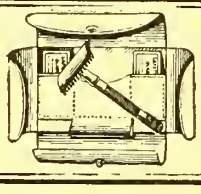
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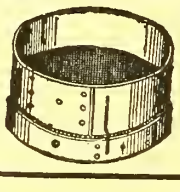
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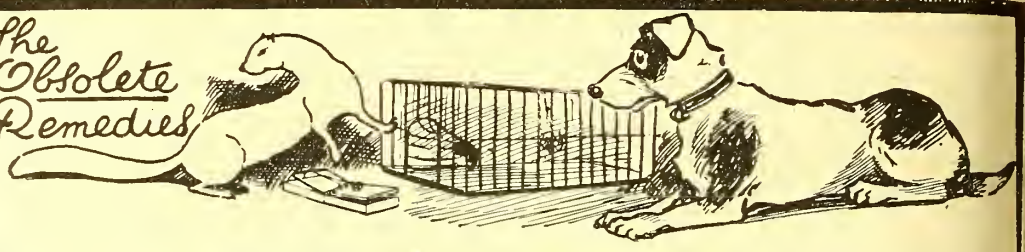
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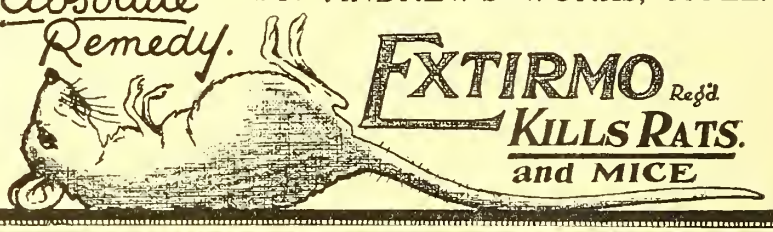


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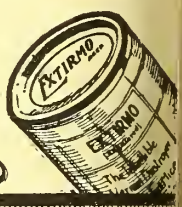
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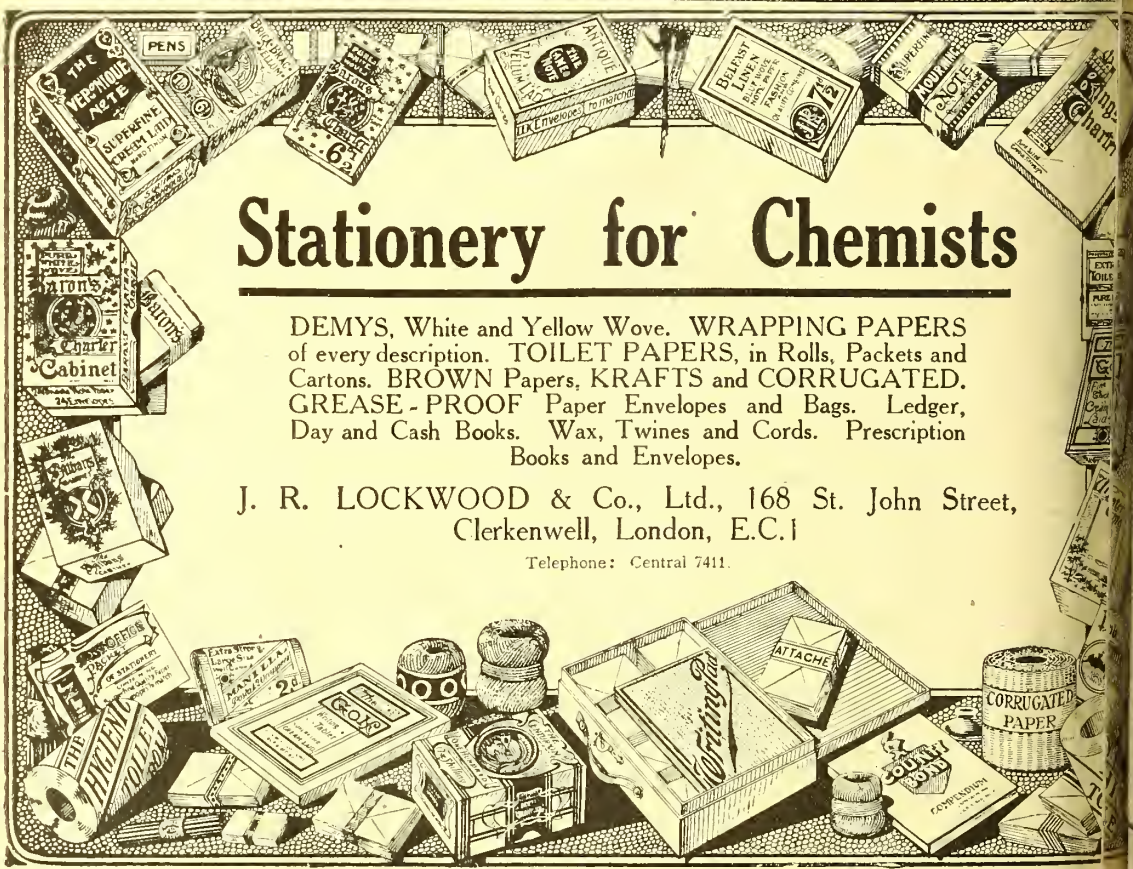
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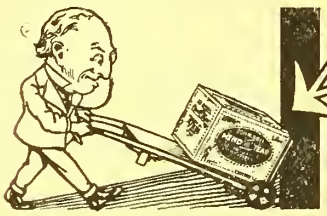
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Straw Hat Dyes.

No Gloss. No Polish.

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GLOSSY SERIES supplied if desired. Special NON-INFLAMMABLE SERIES for Export.

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IN FACT—ANYTHING.

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If ordered "Throat Pastilles," our ribbed shape sent.
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CHILDREN'S THROAT PASTILLES. EUCALYPTUS GEMS. CHLORO-PINES (our speciality).

LINSEED, LIQUORICE and CHLORODYNE.
The best and strongest on the market.
2/8 per lb, Packed in 4lb. tins. **16 lb. 2/6. 28 lb. 2/5.**

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POTTER & CLARKE, LTD.

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ANNON ST.
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E SUPPLY OF SUPPLEMENTS.

clerical work in connection with the posting of spare copies of the ured Supplement week by week has increased to such an extent that we have compelled to reorganise our system of distribution. Our readers will e note therefore that, in future, instructions can be accepted for not more six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

ER CLOSING FOR PRESS. Will advertisers please note that until further notice it will be necessary that Advertisements

he Supplement must t later than the **FIRST POST THURSDAY MORNING.**

HEMISTS' TRANSFERS.

ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No.: City 2283.

be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

.W.—Light Retail and Dispensing Business, years; returns about £1,600 per annum; *net* dsomely fitted shop; new lease will be granted tal; price £1,250.

.E.—For Disposal, Dental Practice; established in present hands since 1870; gross receipts t £800; roomy house, with surgery and work- ease 7, 14, or 21 years; price £750 and valua- hip would be considered; Dental qualification

—Opposed ready-money Business, situate in main mall market town; gross receipts £100 per levelopment under personal attention; terms to

(Near).—Unopposed Business; returns, under 0 per annum (present rate); rent £39 yearly; ears unexpired; comfortable residence, with her details on application.

(In Line of Rail).—Modern Pharmacy, capitally shopping thoroughfare; attractive, well-fitted k; returns last year £7,000; scope for develop- .

ST (Seaport).—Modern Cash Pharmacy; well- ; returns about £3,000 per annum, at good fitted shop, fully stocked; no immediate oppo- be granted at a rental of £90 per annum;

7.—SUSSEX (Health Resort).—High-class Retail and Dispensing Business; returns £5,000 per annum; stock and fixtures estimated at £4,000; further details on application.

8.—MIDLANDS.—General Retail and Dispensing Business, returns, present rate, exceed £3,000 per annum; *net profit* 25%; double-fronted shop; rent £80; held on lease; price £2,500.

9.—SOUTH COAST.—Old-established General Retail and Prescribing Business, including Dental Practice; returns £8,000 yearly, *producing large profits*; estimated value of stock and fixtures £2,600; further details on application.

10.—MIDLANDS.—Old-established Wholesale and Retail Business; returns exceed £8,000 per annum, *at good profits*; long lease, low rental; further details on application.

11.—YORKSHIRE (Seaport).—Lock-up Pharmacy; rent £30 per annum; returns, present rate, £70 monthly, with scope for increase; *net profit* 25%; a lease will be granted, or the property might be purchased for £700; price for Business £650.

12.—SOUTH COAST.—For Disposal, Wholesale Business, returning about £500 monthly; modern factory, two floors; electric light and gas; moderate rental; held on lease; further details on application.

13.—NORTH STAFFS.—General Retail Business; returns exceed £2,500 per annum; books open to investigation; double-fronted shop; low rent; new lease can be obtained; price about £1,500.

14.—SOUTH COAST.—Cash Retail, with a little N.H.I. Dispensing; returns upwards of £3,000; *net profit approximately* £500; further details on application.

UATIONS FOR STOCKTAKING.

Co. desire to emphasise the necessity of a periodical Statement of Account, by which means alone Profit, the loss &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

O. Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

RRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C. 3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—SOUTH COAST.—Small progressive Wholesale and Manufacturing Business, chiefly own Toilet Preparations; Packed Goods and Sundries; returns about £6,000, at good profits; books open to every investigation; plenty of scope for further extension; modern, well-equipped factory, offices, and showrooms; price, including book debts, £3,800; or partner with £2,500 entertained.

2.—LONDON, E.—For quick disposal, very profitable light Cash Retail Business, entirely under manager; returns average £25 weekly; plenty of scope; low rent; on lease; good working stock; price £500, of which £200 can remain.

INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000.

Established 1870.

BUSINESSES WANTED.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

ADVERTISER has cash available for purchasing a sound suburban Pharmacy, Yorkshire, Lancashire, or Midlands for preference, but not essential; returns about £2,500, with scope for increase; house with conveniences attached or one suitable near by. Reply, giving full particulars in strict confidence, to "Pharmacist," 2 Pasture Road, Harehills, Leeds.

CASH Business wanted in or near London with good house; doing about £2,000-£3,000 returns per annum; neglected business considered if scope for expansion. Address "Waiting" (73/1), Office of this Paper.

DRUG Store wanted, London or near; advertiser will purchase for cash, or barter good modern house, with possession; must bear strict investigation; all replies answered and treated in strict confidence. 76/36, Office of this Paper.

ENERGETIC Pharmacist wishes to purchase a Business in a West of England market town; business to be capable of expansion as result of effort; neglected business not objected to; house attached and available; cash payment for right offer. Apply "Winner" (73/21), Office of this Paper.

SMALL Wholesale Druggist Business required in London district as going concern, or control would be considered. Apply P.C.B. 62/9, Office of this Paper.

WANTED to purchase, Business returning from £1,500 to £2,000 per annum, in London (City or West End) or pleasant country town on G.W.R. main line; neglected business not objected to if in good situation. 75/21, Office of this Paper.

£5 OFFERED (if purchase results) to anyone introducing good Dispensing and Light Retail Business returning about £2,000; Midlands or South Coast preferred; good house essential. Apply "Alpha" (73/12), Office of this Paper.

PARSON C. B

Pharmaceutical Chemist, M.P.S

4 CYPRUS ROAD, CHURCH E

WM. ROOKE ROBERT

174 VICTORIA STREET, S.W. 1.

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Recommended by the British Drug Hou

Meggeson, Ltd., Messrs Barclay & Sons

other leading Wholesale Ho

Valuers to the Association of Manufacturi

Make a Speciality of the examination an to Vendors or Purchasers as to Value, P &c., on Moderate Term

Registers kept of Businesses for Sale. No Cha Enquiries invited Personal attention giv

AGENCIES.

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The Advertiser may, if preferred, have repl Office, and forwarded on payment of an addi

A LONDON firm manufacturing Toilet and applications from gentlemen to act as in Great Britain, Birmingham, Liverpool, Travellers with good connections required. A ticulars, "Advance," 60 Blackfriars Road, L

A LONDON firm of importers of high-class F well-introduced Agent for London and pr mission allowed. Write, stating experience, t 37 Walbrook, London, E.C. 4.

AGENTS and Travellers wanted throughout attractive advertised miniature Powder l ing in the handbag); commission basis; on connections considered. State ground covered lines already handled to "Chic" (75/10), Off

CENTRAL Stocking Agencies wanted by p House, established 1840, for either Fo or Home goods; would undertake all office by mutual agreement; correspondence solici of this Paper.

GENTLEMAN leaving for China at end of to hear from firms of repute who wish to existing connections out there; Soaps, Scents, lines; commission basis. Apply 71/22, Office

RESIDENTIAL Agent in Wales, representi known and old-established Manufacturer Toilet Preparations, and calling regularly o extra Agency in Drugs, Sundries, Pills and T prietaries, or Toilet Goods, such as Puffs, Full particulars to 75/22, Office of this Pap

TRAVELLER, with excellent and high-class London, Kent, Surrey, and Sussex, is change. Any first-class house with leading known sundry lines wishing to have this or sively worked will have strong and sound re consider good English or foreign agency. Ap this Paper.

WANTED, for Greater London, Agents Perfumers, and Stores to introduce hig prietary line; only those of experience and apply. Apply 67/7, Office of this Paper.

PARTNERSHIP

ACTIVE partner required (qualified), wit good-class Retail Dispensing and Photo large Lancashire town; would be required t with view to ultimate succession; good h available. Particulars in strict confidence to Paper.

ESSES FOR DISPOSAL.

loss ; 6d. for every additional 10 words or less, prepaid.

may, if preferred, have replies addressed to this arded on payment of an additional charge of 1/-

ST, SUSSEX.—Good-class Retail, recently disposal through family reasons; turnover about ts £600; house of five rooms and garden, side nt £12 per annum; price £900 cash; immediate 73/14, Office of this Paper.

-High-class Dispensing and increasing Counter nt house and good lease; price £3,000. Re- ompanied by banker's reference in first instance Warrick Bros., Ltd.), 13 Birch Grove, Rus- by whom the Business is recommended.

Pharmacy; delightful district; near station; ; premises with 2 entrances, bathroom, etc.; o heavies; no opposition; good prices; returns , including freehold property and modern im- £2,000 cash; owner going abroad; some Fur- id; opportunity to begin business and house- (77/10), Office of this Paper.

Drug Stores, doing about £16 weekly, without Poisons, only few Patents sold; run by lady s; energetic man could soon treble turnover; Dispensing and N.H.I.; rent £40, lease yearly; 4, Office of this Paper.

best position in country market town, old- siness and Premises; General Retail, Dispens- d Photographic, with good trade in Garden eeds; turnover over £2,000; good dwelling- tc., with large garden. "Aussie" (76/10),

r retiring). large old-established Chemist ined with News Agency, in a large miniu ct in Monmouthshire; large and good house eehold); splendid opening for Optical and d be added, with good scope for Dispensing; se by; turnover for last three years average easily be doubled, and more by a smart regis- ll stocked; possession soon. In first instance 73/23), Office of this Paper.

d Agricultural Business, in North, for Sale; ; good opportunity for young man; no house onal investigation preferred. Apply to 75/20,

SOLE SELLING RIGHTS

for one or two low-priced Registered Pro- rations most urgently needed in every house- uired on advantageous terms by firms having on; would suit either Wholesale houses well Grocers, Chemists, Oilmen, or Stores, or ng direct with the public; the preparations dy being sold by many of the largest and s; the organisation of sales and advertising nd in thorough working order; excellent pro- vided for Wholesale and Retail distributors, ed economy is assured to the public; full ew; London preferred. Reply in first instance Agency, Ltd., 100 Fleet Street, London,

n for beginner.—For Sale, complete Syphon- ater Plant, including 2-h.p. motor (200 volts), 33, Office of this Paper.

ces for disposal; full particulars on appli- equired about £400. Apply "Seaside" s Paper.

NOVER.—A Business, situated in the North England, with turnover as above; chiefly ; well stocked and staffed and in thorough , fixtures, and goodwill; at least £10,000 ice of this Paper.

FINANCIAL.

ENT in sums of £50 required to enlarge ing concern; interest 10s. per week on Apply P.C.B. 62/32, Office of this Paper.

LEGAL.

NOTICE OF PRESENTATION OF PETITION 1920, No. 331.

IN THE MATTER OF
HAMILTON LONG & COMPANY LIMITED AND REDUCED
and
IN THE MATTER OF
THE COMPANIES (CONSOLIDATION) ACT, 1908.

NOTICE IS HEREBY GIVEN that a petition for confirming a Resolution reducing the Capital of the above Company from £30,000 to £18,000 was on the 24th day of March, 1920, presented to the High Court of Justice in Ireland and is now pending; and that the list of Creditors of the Company is to be made out as for the 25th day of May, 1920.

HAYES & SONS,
Solicitors to the Company.

41 & 42 Nassau Street,
Dublin.

FOR SALE.

6s. for 50 words or less ; 6d. for every additional 10 words or less, prepaid.

ABOUT 20 gross surplus Bottles, 1 oz. rounds, Mexicans, 2 oz. Brills, and Tablet Bottles. "A. S. P. C.," 5 Bloomsbury Square, W.C.

CHEMIST'S Beam Scales for Sale (new), fixed on mahogany stand, with raising beam and adjustable legs, Agate bearings, three-inch brass pans, brass weights, with twisers, complete, 500 grains down, in mahogany box; price £4 10s. The Service Stores, 19a High Street, Southend-on-Sea.

CONSOL Automatic Aerator, complete, with filter, glass tank, syrup pump, pressure gauge, etc.; what offers? Wimshurst, Chemist, Bexhill-on-Sea.

FILLING Machine, for rapidly packing powders in packets or tins; small Sterilising Plant, copper steam-jacketed; Steel Still or Digestor, for vacuum or pressure, 200 galls. capacity. Marsh, 41 Newcomen Street, S.E. 1. 'Phone: Hop. 1234.

FOR Sale, Chemist's Wall Fixture, 20 ft. long, 9 ft. high, fitted with 117 mahogany and pine drawers, with cut-glass knobs, poison cupboards underneath, four rows of mahogany shelves and cornice on top; nearly new condition; price £85. Apply Smith, 17 Middle Street, Southsea.

FOR Disposal, two sets plate-glass Shelves, with standards and brackets and screws for window enclosure, comprising seven shelves and six standards. Offers to Bailey, Chemist, Highgate, N. 6.

PILL PLANT, small, second-hand, power-driven, clean and in good condition, comprising Werner Mixer, Piping Press with spare plate, Pill-cutting Machine for 3½-gr. round pill, and Coating Pan. Particulars and price from Harris & Son, Pharmaceutical Engineers, Montague Road, Hounslow, Middlesex.

RESIDUE of Fittings of old-established business.—4 Window Carboys, pear-shaped, with pedestals; 17 Black Stock Carboys; 80 narrow-mouthed, glass-stoppered Stock Bottles, labelled, in good condition; Outside Sign, gilt mortar (26 in. high) and pestle, with bracket; 3 Nests, comprising 90 drawers, mahogany fronted, with glass labels and cut crystal knobs, of superior quality. Offers to Walker, 13 Sciennes Road, Edinburgh.

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less ; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BATH.—Smart Junior Assistant (male) in good-class Dispensing business. Apply, giving age and particulars of experience, with salary required (outdoors), Tylee & Cooper, Dispensing Chemists, 7 Bridge Street, Bath.

BURSLEM.—Assistant for Country Wholesale and Retail; outdoors; single; short hours; must be a good Salesman. State age, height, and experience, with references and salary required, Thos. Leicester, Chemist, Burslem.

CHESTER ROYAL INFIRMARY (216 Beds).—Dispenser required; must be qualified Pharmacist; salary £240 per annum. Applications, stating age, and accompanied by copies of testimonials, to be sent to the Secretary, from whom all particulars may be obtained.

CROYDON.—Unqualified competent Assistant; age 22 to 30; good Dispenser; state salary required (outdoors); moderate hours. 76/16, Office of this Paper.

LONDON COUNTY COUNCIL.

DISPENSING CHEMIST, male (with Pharmaceutical Society's qualifications and practical knowledge of Photographic work), required at London County Mental Hospital, Colney Hatch, New Southgate, N. 11. Age not to exceed 40. Salary £130 a year, rising by £10 a year to £200, plus a temporary addition at rate of £101 11s. a year. No emoluments. Preference given to candidates who have served, or offered to serve, with H.M. Forces. Appointment subject to medical examination. Pensionable. Full particulars on form of application (on which alone application must be made) obtainable from Asylums Officer, London County Council, 13 Arundel Street, Strand, W.C. 2. (Stamped addressed envelope necessary.) Applications must be received by 11 a.m. on 6th May, 1920.

JAMES BIRD,
Clerk of the London County Council.

FELIXSTOWE.—Qualified Assistant, with good experience and knowledge of Photography. Usual particulars, salary required, etc., to H. F. Douthwaite, Pharmaceutical Chemist, Felixstowe.

IPSWICH.—Qualified Manager required for brisk Cash Retail business; must be steady and reliable; permanency for good man. Apply, with full particulars, as to age, salary expected, and references, to Jackson, Chemist, Fore Street, Ipswich.

LANCASHIRE.—Qualified Manager wanted for good-class business in centre of city; must be good Salesman and possess expert knowledge of Photography; lock-up shop; no Sunday duty; salary and commission. State age, experience, references, and when disengaged, to "Haigh," c/o Banks & Dalrymple, 74 North Hill Street, Liverpool.

LONDON.—Qualified Manager required for Light Retail and Dispensing business; an excellent opportunity for a man of energy and resource; salary and commission on profits. Apply 73/7, Office of this Paper.

LONDON, S.E.—Wanted, lady Assistant to take charge of Toilet Counter in quick business; good experience; pleasant and tactful Saleswoman essential; able to superintend other female assistants; progressive salary (outdoors). Apply, stating age, experience, salary required, to "P." (60/38), Office of this Paper.

LONDON, S.E.—Wanted (at once), a business-like Assistant; unqualified; lady or gentleman; accustomed to quick good-class Counter trade, Dispensing, etc.; must have good references. Apply, with full particulars, salary, etc. (outdoors), F. Ullett, Chemist, 198 Rye Lane, London, S.E.

LONDON, S.E.—Qualified Minor, capable Dispenser and Counter Assistant, wanted; accurate and reliable. Apply, stating references, salary, etc., to Chemist, 77 High Street, Croydon.

LONDON, S.W.—Qualified Chemist wanted for a modern Cash business, and had similar experience; good salary offered to capable Salesman, etc., with good references. Please give full particulars, age, references, etc., etc., to 76/5, Office of this Paper.

LONDON, W. 5.—Wanted, well-educated gentleman as Dispenser; about 25; must have served regular apprenticeship, and be accustomed to high-class Dispensing business, not Stores; hours of business 8.30-6; outdoors; no N.H.I.; full particulars, experience, age, height, salary, etc. Apply 73/24, Office of this Paper.

LONDON, W.C.—Qualified Manager (gentleman) for small City Branch (outdoors); no Sunday duty; easy hours; a good Salesman wanted for permanency. 77/4, Office of this Paper.

MALVERN.—Assistant, qualified preferred, for best-class Retail and Dispensing; not on Panel. Please state full particulars as to previous experience, salary required (outdoors), etc., to A. Mander, The Belle Vue Pharmacy, Malvern.

MANCHESTER, near.—Wanted, a smart qual Branch; must be quick and reliable, no and used to N.H.I. Apply, stating age, expe required in first letter, enclosing photo (to 37/5T, Office of this Paper.

NORTH STAFFS.—Qualified Assistant, used to required about June 1st. References an to 73/19, Office of this Paper.

REDHILL.—Junior Assistant, lady or gentle the manufacture of Galenicals, help o Counter, and assist the Dispenser when required to learn Pharmacy; 48-hour week. State expe required (outdoors), references, etc., to Fowler

RADCLIFFE, Manchester.—Wanted, qualifi Branch; easy hours; no Sunday duty. Sta salary required (outdoors) to J. T. Smith & Son

ST. LEONARDS-ON-SEA.—Male Assistant (2 (immediately) for permanency; hours 8.3 less one hour for dinner, half-hour for tea, weekly; Light Retail and Dispensing; no N.H.I particulars of experience, last two refereaces, salary required (outdoors), Ewbank Smith, 5 Leonards-on-Sea.

ST. THOMAS'S HOSPITAL, S.E. 1.—Assi (male) wanted); salary, exclusive of over £182 per annum. Also Pharmacist (male) want holiday duty. Applications, by letter only, to Pharmaceutist to the Hospital.

TENBY, S. WALES.—Experienced Assistant to September 25; knowledge of Retail Pl £4; fares paid. Send references and photo to Tenby.

THE GENERAL HOSPITAL, BIRMI

THE Board invite applications from Pharmac post of Assistant Dispenser. Hospital ex Salary £200 plus food. Applications, together should be sent to the House Governor.

THE London Hospital, Whitechapel Road, E., qualified Pharmacist for the permaacat st with occasionally late duty; progressive salary date. Apply personally or by letter, stating ag to the Pharmaceutist.

THE INFIRMARY, ISLEWORT

THE Guardians require the services of a resident DISPENSER (Male or Female) at the Iafirmary, at Isleworth. Commencing by annual increments of £10 to a maximum of with lunch and tea daily, and a war bonus at at the rate of £50 per annum.

Applications upon forms, to be obtained by addressed foolscap envelope, must reach me Tuesday, the 11th May, 1920.

By Order,
F. E. HARM

Union Offices,
Isleworth.

WOOLWICH TUBERCULOSIS DISPEN ROAD, PLUMSTEAD, S.E. 18.—A certi penser (Sanatorium experience essential) is req Institution; salary £196 per annum, includi with uniform allowance of £7 10s. per an with three recent testimonials (not returnable). Secretary, not later than May 5th, 1920.

ALL Saints' Hospital, Vauxhall Bridge Ro Dispenser (part-time) required; no Sunda ficate; 1.30 to 4.30 daily and two evenings £60 per annum. Apply Secretary.

ASSISTANT Manager, qualified, required for Dispensing business; knowledge of Optic essential. Apply, stating age, salary require to Mrs. Harrison, 152 Sutherland Avenue, W.

COMPETENT Assistant required for high-c doors). State age, experience, qualificat first letter, Nathl. Smith & Co., 373 High Str

DISPENSER and Bookkeeper (outdoor).—Qu for Doctor's practice. Apply, with full perience and salary required, to Dr. Bell, Lo

lified Chemist required for position in the Mid- position would suit gentleman desiring a berth eace only is required; short hours. State salary maaency" (74/1), Office of this Paper.

opportunity occurs for two or three smart un- with at least £500 each, to take charge of one wing: Drug, Toilet, Sundry, Photographic, or its in multiple business to be run on up-to-date onfidence to "Progress" (73/38), Office of this

; high-class Dispensing; outdoor. All particu- . Walden, 65 Elizabeth Street, Eaton Square,

(to live out) for Insurance Dispensing, Light , etc., near City. Please state age, salary re- particulars, to "H. L. N." (73/26), Office of

ing and energetic) for quick Counter trade, ng, and General Mixed trade; Birmingham; . Send full particulars to 75/6, Office of this

ER, SON & CO., LTD., 80 Gloucester Road, gton, have a vacancy for a Senior qualified d preferred; must have had good experience. rticulars, to "A. J. B. C."

penser required immediately by the London al, Stepney Green, E. 1. Applications, stating required, and references, should be sent to the than 7th May, 1920.

Assistant as Senior; busy Retail and Dispensing; n and Organiser. Apply, stating usual par- required, C. A. Maries, Waterloo, Liverpool.

or Junior required at once with good Retail hic experience. Apply, with full particulars erience, and salary required (outdoors), with s, 3 Hinckley Road, Leicester.

an, about 33; Store and Photographic know- r part time; liberal salary; London district; ply P.C.B. 62/30, Office of this Paper.

istant or Improver wanted for Counter; must man, with knowledge of Photography; one p-to-date business methods or Stores experi- ite, stating age, height, business experience, to Messrs. Wm. Bates & Co., Ltd., 50 Oxford

l-class Dispensing and Retail business, with hic; a good man seeking a permanency dered. Apply, stating full particulars, to ote Road, Wallington. (London Bridge and

ce), a Junior Assistant (male), in an old- ily and Dispensing business; board in, lodge with usual particulars and salary required, cist, 81 High Street, Teddington, S.W.

alified Chemist to manage branch shop in strict; progressive position to suitable appli- age, experience, salary, and references, to Paper.

anchester, qualified Assistant; working-class .H.I. Dispensing. Please state age, salary nce, to 75/12, Office of this Paper.

Assistant, unqualified (outdoors), accustomed usiness; hours 8.30 till 7 p.m., 1 o'clock duty. Apply, with full particulars of ex- quired, to E. J. Kitson, Worcester.

e), Junior or Improver for good Country ll up in Dispensing. Apply, giving full experience, and salary expected (indoors F. (29/4P), Office of this Paper.

iately), a Manager for a busy London experience and knowledge of Photography ge; good salary and commission. Apply Office of this Paper.

YOUNG qualified Chemist required as prospective Manager; must be prepared to undertake relief work during the summer; easy hours; no Sunday or night duty; applicants must send full particulars of experience, stating age, and salary desired, in first letter. Martyn's Stores, Ltd., Wolverhampton.

WHOLESALE.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

CORNWALL, Devon, and Somerset districts vacant for smart, go-ahead Traveller to call on Chemists, Fancy Stores, etc.; salary, commission; live man, who can build sales and open good accounts will be looked after. Reply, with full particulars, "Mutual" (74/30), Office of this Paper.

NORTH OF ENGLAND AND MIDLANDS.—Popular Travellers wanted to carry good selling lines in Medicinal Capsules; remunerative agency to the right men; state full particulars; liberal commission. Apply 74/27, Office of this Paper.

A VACANCY occurs in an old-established Wholesale firm for a Representative calling upon Medical men, Chemists, Hospitals, etc., in the North of England; one already representing a Perfumery, Toilet, or Sundries house preferred; a sound knowledge of Drugs essential; state usual particulars. Apply P.C.B. 62/35, Office of this Paper.

ADVERTISING.—London Pharmaceutical Wholesalers require young man (qualification not necessary) with knowledge of Retail and ability to prepare display advertisements. Send particulars of experience and salary required to 3/11B, Office of this Paper.

ANALYTICAL CHEMIST.—John Richardson & Co., Leicester, Limited, have a vacancy for a young Analytical Chemist with Pharmaceutical training. Applications should contain full particulars as to experience, and give refercuces as to character, etc., also some indication of salary expected.

ANALYTICAL Chemist required, having preferably the Institute qualification, in addition to the Major Diploma; experience of practical Pharmaceutical Analysis essential. Please give full details in the first instance to W. A. P., Ucal, Cheltenham Spa.

ANALYTICAL DEPT.—A leading Wholesale house requires a qualified Analyst to take charge of this department. Reply, with full details of qualifications, experience, salary required, to 35/11S, Office of this Paper.

BUYING Clerk, age 21-25, wanted by large firm of Manufacturing Chemists; must have had good Wholesale experience. Apply, with full particulars, stating age and salary required, to 3/9B, Office of this Paper.

HIGH-GRADE Commercial Traveller required with experience and connections in the Perfumery business; salary, expenses, and commission paid; no limit to the earnings of a really good producer. Write, stating remuneration required and experience to Sales Department, A.F.A. Chemical Co., 31 Duncan Terrace, London, N.

LADY required, to assist Buyer of Perfumery Department; must have good business experience, be of smart appearance, possessed of initiative and tact, and capable of controlling staff. Write, stating full particulars of experience, age, and salary required, or call before 12 o'clock, Staff Manager, 44 Hans Crescent, S.W. 1.

MAJOR man required by Wholesale Drug house in country for testing and experimental work; well-fitted laboratory. Apply, in confidence, mentioning salary desired, experience, age, etc., 76/26, Office of this Paper.

REPRESENTATIVES with connections required for the following districts: Newcastle, Lancashire, Yorkshire, Potteries and Cheshire, South of England; progressive appointments for the right men; commission basis, or would consider salary and commission. Macleans Ltd., 6 Spring Street, Paddington, London, W.

REPRESENTATIVE required for sale of Clinical Thermometers, with good connection amongst Chemists; on commission basis. Apply 67/4, Office of this Paper.

REPRESENTATIVES, with live connections, wanted for the sale of General Packed Goods (Medicinal and Toilet), Perfumes, etc.; applicants must be good Salesmen, not order collectors; state territory worked, goods carried, experience, age, and terms; replies should give fullest particulars, which will be treated in strict confidence. Lorimer-Marshall, Ltd., 12 Tower Hill, London, E.C. 3.

REPRESENTATIVES, with live connections, to offer Galenicals, Drugs, Chemicals, Tablets, Capsules, Packed Goods; various districts open; good commission basis. Apply 3/13B, Office of this Paper.

STERILISER Operator wanted, thoroughly understanding working of Manlove Autoclave, also used to packing and solderiug tins of Surgical Dressings; applicants must give fullest confidential particulars of experience, and state remuneration required. Apply 3/10B, Office of this Paper.

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Pharmaceutical Cou
Election, 192

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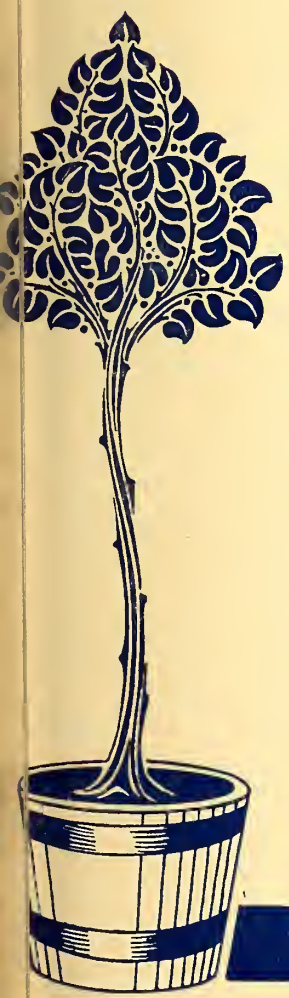
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